



**BRAHMAPUTRA CRACKER AND POLYMER LIMITED**  
**[A Government of India Enterprises]**

**BID DOCUMENT No.: BCPL/DIB/C&P/SER/20140121/MKB**

**Date: 04.09.2014**

**To,**

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**Service Contract for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL for a period of two (02) years.**

*Prepared & Issued By*  
**OFFICE OF THE DY. GENERAL MANAGER (C&P)**  
**M/s. Brahma Putra Cracker & Polymer Ltd.**  
**“Administrative Building”, Lepetkata,**  
**BCPL-Project Site, P.O. Lepetkata**  
**Dibrugarh, PIN – 786006 (Assam)**  
**Tel# +91-373-2914609**

**For Brahma Putra Cracker and Polymer Limited,**  
**(A Government of India Enterprise)**

**Manish Kumar Binjola**  
**Sr. Officer (Contracts & Procurement)**  
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Project Site Office: Administrative Building, BCPL-Project Site, A.T.Road, PO-Lepetkata, Dibrugarh-786 006, Assam Tel: 0373-2914611/609/608/606/604/603/600, Fax: 0373-2371052(Fax)  
Project Execution office: 3<sup>rd</sup> Floor, GTI; 24, Sector-16A; NOIDA-201 301: Tel: 0120-2513102, 011-26185941(Fax)

**Service Contract for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL for a period of two (02) years.**

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**Request For Quotation (RFQ)**

Dear Sir(s),

Brahmaputra Cracker & Polymer Ltd., stands for BCPL Dibrugarh here-in-after called OWNER/COMPANY/BCPL invites you to submit your bids under TWO BID system towards **Service Contract for treatment of BFW and Pyrolysis Gasoline in ECU for a period of two (02) years**, as detailed below in complete accordance with enclosed tender document:

1) **Salient features of bid document:**

|        |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.2.1  | Type of Enquiry, Mode of bid submission                        | Limited Domestic Tender (Bid to be sent by post / courier or hand delivered).                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1.2.2  | Earnest Money Deposit / Bid Security (Refundable)              | NIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1.2.3  | Bid Document No.:                                              | BCPL/DIB/C&P/SER/20140121/MKB                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1.2.4  | Period of Contract                                             | Period of Contract shall be 02 years and as per Special Conditions of Contract (SCC) Part-B.                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.2.5  | Pre-Bid Meeting                                                | 12.09.2014 at 03:00 PM                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1.2.6  | Last date and time for Submission of bid                       | 26.09.2014 up to 14.30 hrs (IST)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1.2.7  | Date and time for opening of un –priced bid at BCPL, Lepetkata | 26.09.2014 on 15.00 hrs ( if the particular day is a HOLIDAY at BCPL, Lepetkata the un-priced bids shall be opened on next working days                                                                                                                                                                                                                                                                                                                                            |
| 1.2.8  | Place of submission of bid                                     | OFFICE OF THE DY. GENERAL MANAGER (C&P) BRAHMAPUTRA CRACKER & POLYMER LIMITED, ADMINISTRATIVE BUILDING , C&P DEPARTMENT P.O. – LEPETKATA, DIBRUGARH-786006, ASSAM                                                                                                                                                                                                                                                                                                                  |
| 1.2.9  | Venue for Opening of Un-priced bids                            | OFFICE OF THE DY. GENERAL MANAGER (C&P) BRAHMAPUTRA CRACKER & POLYMER LIMITED, ADMINISTRATIVE BUILDING , C&P DEPARTMENT P.O. – LEPETKATA, DIBRUGARH-786006, ASSAM                                                                                                                                                                                                                                                                                                                  |
| 1.2.10 | Security Deposit/CPBG                                          | Successful bidder shall have to deposit Security Deposit (SD)/Contract Performance Security @7.5% of Annualized Contract Value excluding taxes & duties (valid up to 3 months beyond Contract Period) in form of Bank Demand Draft or Bank Guarantee Security Deposit (SD)/Contract Performance .There is no exemption Security Deposit to Micro and Small Enterprises (MSME) and SSI units registered with NSIC under single point registration scheme and PSU/ Govt Departments. |
| 1.2.11 | Contact Person                                                 | Manish Kumar Binjola, Sr. Officer (C&P)<br>E-mail: <a href="mailto:mkbjinjola@bcplindia.co.in">mkbjinjola@bcplindia.co.in</a><br>Ph. No. +91-373-2914609                                                                                                                                                                                                                                                                                                                           |

The bid will be submitted in 02 (two) parts as follows:

**PART –I: Un-Priced Bids (Techno-Commercial Bids)**

The un-priced bid must be complete with all technical and commercial details other than rate UN-PRICED OFFER in duplicate (ORIGINAL + ONE COPY) complete with all technical and commercial details & the Schedule of Rate (SOR) **with prices blanked out and copy of tender.**

Earnest Money Deposit as specified.

**EARNEST MONEY DEPOSIT: Not Applicable**

The Earnest Money Deposit (EMD) for the amount as mentioned above shall be submitted in the form of Crossed Bank Demand Draft / Banker's Cheque drawn on any Nationalized / Scheduled bank in favour of Brahmaputra Cracker & Polymer Ltd., payable at Dibrugarh, Assam. \*Small Scale Industries registered with NSIC under its Single Point Registration Scheme shall be exempted from submission of EMD/Bid bond provided they are registered for the items they intend to quote against BCPL tender. Micro and Small Enterprise shall be exempted from submission of EMD/Bid Bond.

Format of Bank Guarantee towards EMD is enclosed with tender.

**Part –II: Priced Bid:** It should contain only price schedule with rates filled in and no terms & conditions should be put in priced bid. PRICED OFFER in duplicate (ORIGINAL + ONE COPY) WITH COMPLETE PRICE DETAILS as per price schedule provided in the tender

The two envelopes containing Part-I AND Part-II should be enclosed in a larger envelope duly sealed and super-scribed prominently with tender no., due date and item along-with address of this office and sender's name and address.

Bids complete in all respect must reach this office not later than 14.30 hrs on the notified date of closing of the tender.

Bids complete in all respects should be submitted on or before last date and time of Bid submission.

If the last date happens to be a Holiday/Sunday, the next working day will be considered as bid due date.

Bids sent through Fax or E-mail or in any other mode other than what is described in the tender document, will not be accepted.

**Bidders Eligibility Criteria:**

**“Bidders must be approved by Ethylene cracker Unit (ECU) Process Licensor M/s Lummus Technology, USA for supply of Boiler Feed Water Treatment Chemicals and Antioxidant for Pyrolysis Gasoline “**

**All documents furnished by the bidders in compliance of Bid Evaluation Criteria (BEC) shall necessary be duly attested by Notary Public with legible stamp.**

- 
- Attested copy (ies) of partnership deed (in case of partnership firm) and power of attorney.
  - Attested copy of sales tax registration certificate
  - Attested copy of service tax registration certificate
  - Attested copies of all the relevant documents in support of SSI, MSE unit.
  - Attested copy of PAN Card.

Non-submission of the attested copies of the requisite certificates/documents shall render the bid non-responsive and shall be liable for rejection

An undertaking (by the bidders who quotes by downloading the tender from web site) stating that "The contents of the Tender Document have not been modified or altered by M/s ..... (Name of the bidder with complete address) In case, it is found that the tender document has been modified / altered by the bidder, the bid submitted by the M/s ..... (Name of the bidder) shall be liable for rejection.

2) **TECHNICAL SPECIFICATION :**

Refer SPECIAL CONDITION OF CONTRACT –SECTION III of tender document.

3) **EVALUATION IN RESPECT OF EXCISE DUTY/ SERVICE TAX/ VAT:**

1. In case of Excise duty and service tax, bids shall be evaluated after considering the effect of cenvatable excise duty and service tax to avail cenvat credit.
2. Bidders are requested to mention the above components clearly in the SOR so that evaluation can be done accordingly.
3. In case the applicable amount towards Excise Duty /Service Tax as mentioned by the bidder is considered for giving benefit during evaluation of bid as stated above, the bidder must ensure to submit their invoice as per their declared applicable taxes & duties. If the bidder does not pass on the benefit to that extent to BCPL, the differential amount shall be deducted from their bill.
4. The statutory variance in Excise duty +Ed Cess , Cst, Vat ,if any applicable on finish goods or Service tax on service contract within the contractual delivery period shall be to purchaser's account against submission of the documentary evidence .However , any increase in the rate of these taxes and duties beyond the contractual completion period shall be to seller's account . Any decrease in the rate of taxes & duties shall be passed on the purchaser.

4) **SERVICE TAX: -**

- While quoting against the tender, bidder shall have the option to decide on the method of valuation prescribed under the service tax rules, i.e, either on actual service portion or deemed service portion.
- Whether Service Tax is to be paid on actual service portion, the bidder(s) shall indicate the value for service portion on which the Service Tax is applicable. Whether Service Tax is to be paid on deemed service portion as per percentage prescribed, the bidder(s) shall indicate the percentage (presently 40%, 60% or 70%) of the gross works contract value on which Service Tax is applicable.
- Whether the bidder opts for paying Service Tax on deemed service portion, the gross works contract value or the purpose of payment of service tax shall mean the sum total of the gross amount charged for the works contract and the fair market value of all goods and services supplied in or in relation to the execution of the works contract, whether or not supplied under the same contract or any other contract.
- The fair market value of Free Issue Material (FIM) and services, wherever applicable, are indicated in the Bidding Documents.
- Bidders shall quote prices inclusive of all taxes and duties excluding service tax. In other words, the amount of service tax shall not be included by the bidders in their quoted price. However, bidders will indicate the details of applicable service tax as mentioned above along with the break-up of the service tax payable by him and service tax payable by Owner/BCPL as service recipient, if applicable, as per the reverse charge rule of service tax.
- In case a bidder does not provide any of the above requisite information, his bid will be evaluated with highest applicable rate of service tax (Presently 12.36%) on total value of works contract.
- Owner/BCPL will reimburse the service tax to the contractor at actual against submission of cenvatable invoices issued in accordance with service tax Rules to enable Owner/BCPL to claim cenvat credit of service tax paid. In case any variation in the executed quantities, the amount on which the Service Tax is applicable shall be modified in same proportion.

5) **PUBLIC PROCUREMENT POLICY (PPP), 2012**

Bid submitted by MSEs shall be processed as under subject to availability of the item(s) in the notified Gazette published by Government of India from time to time:

- i) In Tender, participating Micro and Small Enterprises quoting price within price band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their prices to L-1 price in a situation where L-1 price is from someone other than a micro small enterprises and such micro and small enterprises shall be allowed to supply up to 20% of the total tendered value. In case of more than one such Micro and small Enterprises, the supply shall be shared proportionately (to tendered quantity). Further, out of above 20%, 4% (20% of 20%) shall be from MSEs owned by SC/ST entrepreneurs. This quota is to be transferred to other MSEs in case non-availability of MSEs owned by SC/ST entrepreneurs.
- ii) The quoted prices against various items shall valid in case of splitting of quantities of the items as above.
- iii) In case bidder is a Micro or Small Enterprise under Micro, Small and Medium Enterprises Development Act, 2006, the bidder shall submit the following:
  - a) Documentary evidence that the bidder is a Micro or Small Enterprises registered with District Industries Centers or Khadi and village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises.
  - b) If the MSE is owned by SC/ST Entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regards.

The above documents submitted by the bidder shall be duly certified by the Statutory Auditor of the bidder or a practicing Chartered Accountant (not being an employee or a Director or not having any interest in the bidder's company/firm) where audited accounts are not mandatory as per law.

If the bidder does not provide the above confirmation or appropriate document or any evidence, then it will be presumed that they do not qualify for any preference admissible in the Public Procurement Policy (PPP), 2012.

In case of MSEs, Tender fees & EMD/Bid Security is not applicable.

6) **PRE-BID MEETING:**

- a) The Bidder(s) or his official representatives are invited to attend a pre-bid meeting on date, time and venue specified above.
- b) The bidder is requested to submit their queries /clarifications of tender document through e-mail/ courier so as to reach BCPL at least one week before the Pre-bid meeting. These questions shall be replied during the Pre-bid meeting.
- c) Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder.  
If the last date happens to be a Holiday/Sunday, the next working day will be considered as for pre-bid meeting.

7) **PRICE BASIS:**

FOT site BCPL- Lepetkata, Dibrugarh, Assam.

8) **CONTRACT SCHEDULE:**

As per SCC – Part B.

9) **VALIDITY PERIOD OF OFFER:**

The period of validity of the quotations should not be less than 90 days from the date of opening of technical bid. Quotations with less validity are likely to be ignored.

10) **VAT / CST No:**

Bidder need to indicate valid sales tax registration no. in the quotation.

11) **SECURITY DEPOSIT:**

7.5 % of one year contract value (Excluding taxes and duties) to be submitted either in the form of BG or DD within 15 days of receipt of LOA/LOI by . Format of Bank Guarantee towards security deposit as performance bank guarantee is enclosed with tender. In case of BG, the validity period of BG should be beyond 03 months from date of expiry of warranty period. (To be read in conjunction with GCC- Clause No. 24)

12) **GENERAL**

- No extension in the bid due date/time shall be considered on account of delay in receipt of any document
- Bid document is non –transferable.
- BCPL reserves the right to carry out capability assessment of the bidder including referral to in-house information.
- BCPL will not be responsible or liable for cost incurred in preparation & delivery of bids, regardless of the conduct or conduct or outcome of the bidding process.
- Bids received after stipulated last date and time, due to any reasons what-so-ever, including postal delays, will not be considered.
- BCPL reserve the right to reject any or all the bids received at its discretion without assigning any reason whatsoever.
- Bidder should not be under liquidation, court receivership or similar proceedings.
- Bidders should not be black listed with any PSU /Govt. establishment.
- Bid sent through other than Courier/post/personal delivery shall not be accepted.

13) **FIXED PRICE:**

Prices quoted by the bidder shall be firm & fixed during the bidder's performance of the contract. A bid submitted with an adjustable price quotation will be treated as non responsive and rejected.

14) **OWNER'S RIGHT TO VARY QUANTITIES AT THE TIME OF AWARD:**

The OWNER reserves the right at the time of award of contract to increase or decrease the quantity specified in the scope (in respect of each item of scope), without any change in unit price and other terms & conditions.

15) **ORDER OF PRECEDENCE:**

In case of an irreconcilable conflict between RFQ Covering Letter, Instruction to Bidders, Special conditions of contracts & General conditions of contracts the following shall prevail to the extent of such irreconcilable conflict in the order of precedence:

- i) Schedule of Rates (SOR)
- ii) RFQ Covering Letter
- iii) Instruction to Bidders
- iv) Special conditions of contracts (Part B)
- v) Special conditions of contracts (Part A)
- vi) General Conditions of Contract

- 16) All the bidders including those who are not willing to submit their bid against in this tender, are required to submit format F-1 "Acknowledgement Cum Consent Letter" attached in the tender along with reason(s) for non-participation in the failing, if applicable within 7 days from receipt of tender information, **failing which BCPL may not issue any tender to such bidder in future.**

**Please note that this is a zero deviation tender. Bidders are advised to strictly confirm compliance to tender conditions and not to stipulate any deviation / conditions in their offer. Subsequent to bid submission, BCPL will not seek confirmations / clarifications and any bid(s) not in line with tender conditions shall be liable for rejection. Bidders are also requested to submit the documents / confirmations strictly as per the check list enclosed in the tender document.**

**Consignee Address:**

Office of the Dy. General Manager (C&P)  
Administrative Building, Brahmaputra Cracker and Polymer Limited,  
PO: Lepetkata, District – Dibrugarh, Assam, India PIN – 786006  
Tel-0373-2914609

**If you require any further information, feel free to contact us.**

Yours faithfully,

**For Brahmaputra Cracker and Polymer Limited,  
(A Government of India Enterprise)**

**Manish Kumar Binjola  
Sr. Officer (Contracts & Procurement)  
E-Mail: [mkbinjola@bcplindia.co.in](mailto:mkbinjola@bcplindia.co.in)  
Ph no: 0373-2914609**

**CUT-OUT SLIP**

(Quotation – Do Not Open)

**Bid Document no.: BCPL/DIB/C&P/SER/20140121/MKB**

**Service Contract for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL for a period of two (02) years.**

**Due Date & Time of bid submission:** Up-to 14.30 hrs (IST) on 26.09.2014

**Date and time for opening of bids:** 15.00 hrs (IST) on 26.09.2014

**From:**

**To:**

|  |                                                                                                                                                                                                                                                    |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | OFFICE OF THE DY. GENERAL<br>MANAGER(C&P)<br>M/S. BRAHMAPUTRA CRACKER &<br>POLYMER LIMITED (BCPL),<br>LEPETKATA<br>ADMINISTRATIVE BUILDING ,<br>BCPL-PROJECT SITE, P.O. LEPETKATA<br>DIST: DIBRUGARH, PIN – 786006<br>ASSAM<br>PH NO.:0373-2914609 |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

(To be pasted on the outer envelope containing envelopes Part –I, Part-II)

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(Quotation – Do Not Open)

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## **CUT-OUT SLIP**

(Quotation – Do Not Open)

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|  | OFFICE OF THE DY. GENERAL<br>MANAGER(C&P)<br>M/S. BRAHMAPUTRA CRACKER &<br>POLYMER LIMITED (BCPL),<br>LEPETKATA<br>ADMINISTRATIVE BUILDING ,,<br>BCPL-PROJECT SITE, P.O.<br>LEPETKATA<br>DIST: DIBRUGARH, PIN – 786006<br>ASSAM<br>PH NO.:0373-2914609 |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

(To be pasted on the outer envelope containing envelopes Part-II)

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## **A. General**

### **1. Scope of Bid**

1.1 The Employer, as defined in the General Conditions of Contract, hereinafter "the Employer", Bid wishes to receive bids for the Services as described in Section III, Special Conditions of Contract, hereinafter referred to as "the Services".

1.2 The successful bidder will be expected to complete the Works within the period stated in Special Conditions of Contract.

1.3 Throughout these bidding documents, the terms "bid" and "tender" and their derivatives ("bidder/tenderer", "bid/ tendered", "bidding/tendering", etc.) are synonymous, and day means calendar day. Singular also means plural.

### **2. Eligible Bidders**

2.1 This invitation for bid is open to any bidder.

2.2 A bidder shall not be affiliated with a firm or entity

(i) that has provided consulting services related to the Works to the Employer during the preparatory stages of the Works or of the Project of which the Works form a part, or

(ii) that has been hired (or is proposed to be hired) by the Employer as Engineer/Consultant for the contract.

2.3 The bidder shall not be under a declaration of ineligibility by Employer for corrupt or fraudulent practices as defined in ITB.

2.4 The bidder is not put on holiday by BCPL, GAIL or black listed by any Government Department /Public Sector.

### **3. Bid Evaluation Criteria**

As mentioned in page 04 of tender document.

### **4. One Bid per participates**

4.1 A firm shall submit only one bid in the same bidding process. A bidder who submits or participate in more than one bid will cause all the proposals in which the bidder has Bidder participated to be disqualified.

### **5. Cost of Bidding**

5.1 The bidder shall bear all costs associated with the preparation and submission of the bid, and PURCHASER (BCPL), will in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

### **6. Site Visit**

6.1 The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the bidder's own expense.

6.2 The bidder and any of its personnel or agents will be granted permission by the Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder, its personnel, and agents will release and indemnify the Employer and its personnel and

agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

6.3 The Employer may conduct a Site visit concurrently with the pre-bid meeting.

## **7. Service Tax**

Please Refer Clause No 4 of RFQ

### **7.1. Abnormally High Rates (AHR)**

In items rate contract where the quoted rates for the items exceed 50% of the owners/estimated Items rates, such items will be considered as Abnormally High Rates Items (AHR) and Payment of AHR items beyond the SOR stipulated quantities shall be made at the least of the following rates:

(I) Rates as per SOR, quoted by the contractor.

(II) Rate of the item, which shall be derived as follows:

Based on rates of machine and labor as available from the contract (which includes contractor's supervision, profit, overheads and other expenses).

In case rates are not available in the contract, rates will be calculated based on prevailing market rates of machine, material and labor plus 15% to cover contractor's supervision profit, overhead & other expenses.

7.2. Income Tax deduction shall be made from all payments of the contractor as per rules and Tax regulation in force in accordance with the Income Tax Act prevailing from time to time.

### **7.3. Road Permit:**

For issue of Road Permit Seller shall inform BCPL with details:

Proforma Invoice with following details are also required to get Road Permit

- (i) Place of despatch
- (ii) Date of despatch
- (iii) Quantity and Description of material
- (iv) Value of material
- (v) Expected date of delivery at site
- (vi) CST, Excise duty
- (vii) Freight
- (viii) Other taxes if any for each despatch

## **B. BIDDING DOCUMENTS**

### **8. Content of Bidding Document**

8.1 The bidding documents are those stated below and should be read in conjunction with any addenda issued in accordance with ITB Clause 10.

Section I. Request for quotation (RFQ)

Section II. Instructions to Bidders (ITB)

Section III. Special Conditions of Contract, Scope of Work

Section IV. General Conditions of Contract and

Section V. Schedule of Rates (SOR)

8.2 The bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. The Request for quotation (RFQ) together with all its attachments thereto, shall be considered to be read, understood and accepted by the bidders. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at bidder's risk and may result in the rejection of his bid.

## **9. Clarification of Bidding Document**

9.1 A prospective bidder requiring any clarification of the Bidding Documents may Bidding notify BCPL in writing or by fax or e-mail at BCPL's mailing address indicated in the Invitation for Bids. BCPL will respond in writing to any request for clarification of the Bidding documents which it receives not later than 10 days prior to the deadline for the submission of bids prescribed by BCPL. Written copies of BCPL's response (including an explanation of the query but without identifying the source of the query) will be sent to all prospective bidders who have received the bidding documents. Any Clarification or information required by the bidder but same not received by the Employer, ten days prior to the bid due date, the same is liable to be considered as no clarification/information required.

## **10. Amendment of Bidding Document**

10.1 At any time prior to the bid due date, BCPL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents.

10.2 The amendment will be notified to all prospective bidders through proper medium and will be binding on them.

10.3 In order to afford prospective bidders, reasonable time in which to take the amendment into account in preparing their bids, BCPL may, at its discretion, extend the bid due date.

## **C. PREPARATION OF BIDS**

### **11. Language of Bid**

II. I The bid prepared by the bidder and all correspondence/drawings and documents relating to the bid exchanged by bidder and BCPL shall be written in English language. Any printed literature furnished by the bidder may be written in another language so long as accompanied by an ENGLISH translation duly authenticated by the chamber of commerce of Bidders country, in which case, for the purpose of interpretation of the bid, the ENGLISH.

### **12. Documents Comprising the Bid**

(a) The bid prepared by the bidder shall comprise the following components:

(b) Envelope -I: Super scribing Techno-Commercial Un priced Bids (PART-I)

Part-I: Techno-commercial/Un-priced Bid and shall contain the following:

EMD / BID BOND as specified

i) Covering Letter as per format "Submission of tender" enclosed with GCC

ii) A confirmation that prices in requisite formats, strictly complying with the requirement, are in envelope number II "Price Bid".

iii) Agreed Terms & Conditions duly filled-in at F-13.

iv) Organization details:

(a) In case of a proprietorship firm, the name and address of proprietor, and certified copy of 'Certificate of registration of firm'.

(b) In case Bidder is a partnership firm, certified copy of the partnership deed.

(c.) In case of company (whether private or public), certified copy of the 'Certificate of Incorporation' together with certified Memorandum / articles of Association

v) All formats mentioned in Section: IIB

Any other information/details required as per bid document.

Note: All pages of the bid to be signed and sealed by authorized person of the bidder.

12.1 Envelope II: Super scribing "Price Bid- Not to Open with Techno- Commercial Un priced Bid" - PART-II

Part-II price Bid

(i) Part-II shall contain one original and One copy of Schedule of Rates duly filled in, in separate sealed envelopes duly signed and stamped on each page super scribing on the sealed envelope "Price - Do Not Open". In case of any correction, the bidders shall put his signature and his stamp.

### **13. Bid Prices**

13.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole works as described in Bidding Document, based on the unit rates and prices submitted by the Bidder and accepted by the EMPLOYER.

13.2 Prices must be filled in format for 'Schedule of Rates' enclosed as part Bidding Document. If quoted in separate typed sheets and any variation in description, unit or quantity is noticed; the bid is liable to be rejected.

13.3 Bidder shall quote for all the items of Schedule of Rates after careful analysis of cost involved for the performance of the completed item considering all parts of the Bidding Document. In case any activity though specifically not covered in description of item under 'Schedule of Rates' but is required to complete the works as per Scope of Work, Scope of supply, Specifications, Standards, Drawings, General Conditions of Contract, Special Condition of Contract or any other part of Bidding Document, the prices quoted shall deemed to be inclusive of cost incurred for such activity. Items against which no rate or price is entered by the bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the SOR.

13.4 All duties and taxes including, excluding Service tax payable by the Contractor under the Contract, or for any other cause, shall. Be included in the rates and prices and the total bid price submitted by the bidder.

13.5 Prices quoted by the bidder, shall remain firm and fixed and valid until completion of the Contract and will not be subject to variation on any account.

13.6 The Bidder shall quote the prices both in figures as well as in words. There should not be any discrepancies between the price indicated in figures and the price indicated in words.

13.7 Alternative bids shall not be considered.

13.8 Bidders are advised NOT to mention Rebate/Discount separately, either in the SOR format or anywhere else in the offer. In case bidder(s) intend to offer any Rebate/Discount, they should include the same in the item rate(s) itself under the "Schedule of Rates (SOR)" and indicate the discounted unit rate(s) only.

In case, it is observed that any of the bidder( s) has/have mentioned Discount/Rebate separately, the same shall not be considered for evaluation. However, in the event of the bidder emerging as the lowest bidder, the Discount/Rebate offered by the bidder shall be considered for Award of Work and the same will be conclusive and binding on the bidder.

### **14. Bid Currencies**

14.1 Indian Bidders has to submit bid in Indian Rupees only.

### **15. Bid Validity**

15.1 Bids shall be kept valid for 3 months from the final bid due date. A bid valid for a shorter period may be rejected by BCPL as non-responsive.

15.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing or by fax / e-mail. A bidder may refuse the request without forfeiture of his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of its bid security for the period of the extension and in accordance with Clause 16 in all respects.

## **16. Bid Security (Not Applicable)**

16.1 Pursuant to Clause-12, the bidder shall furnish, as part of his bid, bid security in the amount specified in Request of Quotation (RFQ).

16.2 The bid security is required to protect BCPL against the risk of bidder's conduct which would warrant the security's forfeiture, pursuant to Clause- 16.7

16.3 BCPL shall not be liable to pay any bank charges, commission or interest on the amount of Bid Security.

In case Bid Security is in the form of a Bank Guarantee or irrevocable Letter of Credit, the same shall be from any Indian scheduled bank or a branch of an International bank situated in India and registered with Reserve bank of India as scheduled foreign bank in case of Indian bidder and from any reputed International bank or Indian scheduled bank in case of foreign bidder. However, in case of Bank Guarantee from banks other than the Nationalized Indian banks, the bank must be commercial bank having net worth in excess of Rs 100 crores and a declaration to this effect should be made by such commercial bank either in the Bank Guarantee itself or separately on its letterhead. Bid Security shall be valid for two months beyond the validity of the Bid.

16.4 Any bid not secured in accordance with Clause-16.1 and 16.3 may be rejected by BCPL as non-responsive.

16.5 Unsuccessful bidder's bid security will be discharged/returned as promptly as possible, but not later than 30 days after the expiration of the period of bid validity prescribed by BCPL.

16.6 The successful bidder's bid security will be discharged upon the bidder's accepting the award & signing the Agreement, pursuant to Clause-39 and furnishing the Contract Performance Security pursuant to Clause-40.

16.7 The bid security may be forfeited:

- a) If a bidder withdraws his bid during the period of bid validity.
- b) in the case of a successful bidder, if the bidder fails:
  - i) to accept the Notification of Award/Fax of Intent (FOI) or
  - ii) to furnish Contract Performance Security in accordance with Clause-40.
  - iii) to accept arithmetical corrections.

16.8 The Bid security shall be submitted in the form of crossed Bank Demand Draft drawn on any Nationalized/Scheduled bank in favour of BCPL , payable at State Bank of India, Dibrugarh . In case Bid Security is in the form of Bank Guarantee or Letter of Credit, the same must indicate the Bid Document and the work for which the bidder is quoting. This is essential to have proper co-relation at a later date. The Bid Security shall be in the form provided at F-4 (Bank Guarantee) .

16.9 For Indian Bidders: Central Public Sector Undertakings and firms registered with NSIC are exempted from furnishing bid security provided they are registered for the quoted items they intend to quote and subject to their enclosing with their bid a copy of the latest and current Registration Certificate.

## **17. Pre-Bid Meeting**

- a) The Bidder(s) or his official representatives are invited to attend a pre-bid meeting on date, time and venue specified above.
- b) The bidder is requested to submit their queries /clarifications in the **Format F7of SECTION IIB** of tender document through e-mail/ courier so as to reach BCPL at least one week before the Pre-bid meeting. These questions shall be replied during the Pre-bid meeting.
- c) Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder. If the last date happens to be a Holiday/Sunday, the next working day will be considered as for pre-bid meeting.

## **18. Format and Signing of Bid**

18.1 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, photocopies are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the bidder. The name and position held by each person signing, must be typed or printed below the signature. All pages of the bid except for un-amended printed literature where entries or amendments have been made shall be initialed by the person or persons signing the bid.

18.2 The bid shall contain no alterations, omissions, or additions, unless such corrections are initialed by the person or persons signing the bid.

## **19. Zero Deviation**

19.1 Bidders to note that this is a zero deviation tender. BCPL will appreciate submission of offer based on the terms and conditions in the enclosed General Conditions of Contract (GCC), Special Conditions of Contract (SCC), Instructions to Bidders (ITB), Scope of Work etc. to avoid wastage of time and money in seeking clarifications on technical/ commercial aspects of the offer. Bidder may note that no technical and commercial clarifications will be sought for after the receipt of the bids.

19.2 Notwithstanding to the above, bids with deviation(s) to the following bid conditions shall be summarily rejected without any post bid reference to the bidders.

19.2.1 Firm and Fixed Price.

19.2.2 Bid Price as per clause-13.0 of ITB.

19.2.3 Scope of Work.

19.2.4 Specifications.

19.2.5 Schedule of Rates.

19.2.6 Completion Schedule/Contract period.

19.2.7 Period of Validity of bid.

19.2.8 Price Reduction Schedule/ Compensation for Delay/ Demurrages/Penalty

19.2.9 Performance bank Guarantee.

19.2.10 Arbitration / Resolution of Dispute

19.2.11 Force Majeure

19.2.12 Guarantee of Work

19.2.13 Applicable Laws

19.2.14 Any other condition specifically mentioned in the tender document elsewhere that non-compliance of the clause lead to rejection of the bid

19.3 In case Bidder stipulate deviations, Owner have the right to reject such bid at its absolute discretion without giving any opportunity for such Bidders to make good such deficiency

## **20. E-Payment**

Not applicable

## **21. Agent/consultant/Representative/ Retainer/Associate**

Not applicable

## **D. SUBMISSION OF BIDS**

### **22. Sealing and Marking of Bids**

22.1 Bid shall be submitted in the following manner in separately sealed envelopes duly super scribed as below:

Part A - Techno-commercial/unpriced Bid,

Part B - Priced Bid

22.2 Part 'A' shall contain original of UNPRICED BID complete with all technical and commercial details other than price (with prices blanked out )

22.3 Part 'B' PRICED BID shall be submitted in one original duly filled in Price schedule sealed in a separate envelope duly pasted with the corresponding cut-out slip enclosed.

22.4 The two envelopes containing PART 'A', PART 'B' should be enclosed in a larger envelope duly sealed and pasted with corresponding CUT OUT SLIP enclosed and also bear the name and address of The Bidder.

22.5 If the outer envelope is not sealed and pasted with the corresponding cut-out slip, BCPL will assume no responsibility for the Bid's misplacement or premature opening.

22.6 Each bidder shall submit only one bid. A bidder who submits more than one bid will be rejected.

### **23. Deadline for Submission of Bids**

23.1 Bids must be received by BCPL at the address specified in the RFQ not later than the date and time stipulated in the RFQ.

23.2 BCPL may, in exceptional circumstances and at its discretion, on giving reasonable notice by fax or any written communication to all prospective bidders who have been issued the bid documents, extend the deadline for submission of bids, in which case all rights and obligations of BCPL and the bidders, previously subject to the original deadline will thereafter be subject to the deadline as extended. Any bid received by BCPL after the deadline for submission of bids prescribed on main body of RFQ will not be considered and returned unopened to the bidder. The bidder may modify or withdraw his bid after the bid submission but before the due date, for submission, provided that written notice of the modification/withdrawal is received by BCPL prior to the deadline for submission of bids. The modification shall also be prepared, sealed, marked and dispatched in accordance with the provisions of Clause 22, with the outer and inner envelopes additionally marked "modification" or "withdrawal", as appropriate. A withdrawal notice may also be sent by telex or cable, but followed by a signed confirmation copy post marked not later than the deadline for submission of bids.

### **24. Late Bids**

24.1 Any bid received by BCPL after the deadline for submission of bids prescribed on main body of RFQ will not be considered and returned unopened to the bidder.

### **25. Modification and Withdrawal of Bids**

25.1 The bidder may modify or withdraw his bid after the bid submission but before the due date, for submission, provided that written notice of the modification/withdrawal is received by BCPL prior to the deadline for submission of bids.

25.2 The modification shall also be prepared, sealed, marked and dispatched in accordance with the provisions of Clause 22, with the outer and inner envelopes additionally marked "modification" or "withdrawal", as appropriate. A withdrawal notice may also be sent by telex or cable, but followed by a signed confirmation copy post marked not later than the deadline for submission of bids.

25.3 No bid shall be modified after the deadline for submission of bids.

25.4 No bid shall be allowed to be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidder on the Bid Form. Withdrawal of a bid during this interval shall result in the bidder's forfeiture of his bid security pursuant to Sub-Clause 16.7.

25.5 In case after price bid opening the lowest evaluated bidder (L-1) is not awarded the Job for any mistake committed by him in bidding or withdrawal of bid or varying any term in regard thereof leading to re-tendering, BCPL shall forfeit Earnest Money paid by the bidder and such bidders shall be debarred from participating in re-tendering of the same job(s)/item(s).

## **E. BID OPENING AND EVALUATION**

### **26. Bid Opening**

#### **26.1 Unprice Bid Opening:**

BCPL will open bids, including withdrawals and modifications made pursuant to Clause 25, in the presence of bidders' designated representatives who choose to attend, at date, time and location stipulated in the RFQ. The bidders' representatives, who are present, shall sign a bid opening register evidencing their attendance.

#### **26.2 Priced Bid Opening:**

26.2.1 BCPL will open the price bids of those bidders who meet the qualification requirement and whose bids are determined to be technically and commercially responsive. Bidders selected for opening of their price bids shall be informed about the date of price bid opening. Bidders may depute their authorized representative to attend the opening. The bidders' representatives, who are present, shall sign a register evidencing their attendance.

26.2.2 The price bids of those bidders who were not found to be techno-commercially responsive shall be opened.

26.2.3 Bids shall be evaluated on overall basis including all taxes and duties but excluding service tax. The bidders are required to provide cenvat invoice (to the extent possible) to enable BCPL to avail Cenvat benefit.

### **27. Process to be Confidential**

27.1 Information relating to the examination, clarification, evaluation, and comparison of bids, and recommendations for the award of a contract, shall not be disclosed to bidders or any other persons officially concerned with such process. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of the bidder's bid.

### **28. Contacting the Employer**

28.1 From the time of bid opening to the time of Contract award, if any bidder wishes to contact the Employer on any matter related to the bid, it should do so in writing.

28.2 Any effort by the bidder to influence the Employer in the Employer's bid evaluation, bid comparison, or Contract award decisions may result in the rejection of the bidder's bid.

### **29. Examination of bids and Determination of Responsiveness**

29.1 Prior to the detailed evaluation of bids, the Employer will determine whether each bid

(c) meets the Bid Evaluation Criteria;

(d) has been properly signed;

(e) is accompanied by the required securities;

(f) is substantially responsive to the requirements of the bidding documents; and

(g) Provides any clarification and/or substantiation that the Employer may require to determine responsiveness pursuant to Sub-Clause 29.2.

29.2 A substantially responsive bid is one, which conforms to all the terms, conditions and specifications of the bidding documents without material deviations or reservations.

A material deviation or reservation is one

(a) that affects in any substantial way the scope, quality, or performance of the Works;

(b) that limits in any substantial way, inconsistent with the bidding documents, the Employer's rights or the bidder's obligations under the contract; or

(c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

29.3 If a bid is not substantially responsive, it will be rejected by the Employer and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

### **30. Correction of Errors**

30.1 Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

(a) Where there is a discrepancy between the unit rate and the total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

(b) When there is a difference between the rates in figures and words, the rate which corresponds to the amount worked out by the contractor (by multiplying the quantity and rate) shall be taken as correct.

(c) When the rate quoted by the contractor in figures and words tallies but the amount is incorrect, the rate quoted by the contractor shall be taken as correct and not the amount and the amount corrected.

(d) When it is not possible to ascertain the correct rate, in the manner prescribed above, the rate as quoted in words shall be adopted and the amount worked out, for comparison purposes.

30.2 In case it is observed that any bidder has not quoted for any item in the Schedule of Rates (such unquoted item not being in large numbers), the quoted price for the purpose of evaluation shall be considered as the maximum rate quoted by the remaining bidders for such items. If after evaluation, such bidder is found to be the lowest evaluated bidder, the rates for the missing item shall be considered as included in quoted bid price. If the estimated price impact of the unquoted items is more than 10% of the bidder's quoted price, the above provision shall not be applicable and such bid shall be rejected.

30.3 The amount stated in the bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, its bid will be rejected, and the bid security shall be forfeited.

### **31. Conversion to Single Currency for Comparison of Bids**

NOT APPLICABLE

### **32. Evaluation and Comparison of Bids**

32.1 Bids shall be evaluated on overall basis including all taxes and duties but excluding service tax.

### **33 Preferences for Domestic Bidders**

NOT APPLICABLE

### **34. Purchase Preference**

34.1 Purchase Preference to Central Government Public Sector Undertakings shall be allowed as per government guidelines in vogue.

### **35. Compensation for extended stay**

NOT APPLICABLE

## **F. AWARD OF CONTRACT**

### **36. Award of work**

36.1 Subject to Clause 29, BCPL will award the contract to the successful bidder whose bid has been determined to be substantially responsive and has been determined as the lowest, is determined to be qualified to satisfactorily perform the contract.

36.2 BCPL intends to award the entire work to a single bidder on overall cost basis.

37. Employer's Right to Accept Any Bid and to Reject Any or All Bids

37.1 BCPL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected

bidder or bidders or any obligations to inform the affected bidder or bidders of the ground for BCPL'S action.

### **38. Notification of Award**

38.1 Prior to the expiration of period of bid validity BCPL will notify the successful bidder in writing by fax, cable or telex to be confirmed in writing, that his bid has been accepted. The notification of award / Fax of Intent will constitute the formation of the Contract.

38.2 Delivery shall be counted from the date of notification of award / Fax of Acceptance.

The notification of award will constitute the formation of a Contract, until the Contract has been affected pursuant to signing of Contract as per Clause 39 of ITB.

Upon the successful bidder's furnishing of contract performance security, pursuant to Clause 40 of ITB, BCPL will promptly notify each unsuccessful bidder and will discharge his bid security, pursuant to Clause 16 of ITB.

### **39. Signing of Agreement**

39.1 BCPL will award the Contract to the successful bidder, who, within 15 days of receipt of the same, shall sign and return the acceptance copy to BCPL.

39.2 The successful bidder shall be required to execute an AGREEMENT in the proforma given in Instruction to Bidder (ITB) F-16 of this standard bidding document on non-judicial paper of appropriate value (the cost of stamp paper shall be borne by the Contractor), within 15 days of the receipt by him of The Notification of Acceptance of Tender. In the event of failure on the part of the successful bidder to sign the AGREEMENT within the above stipulated period, the Bid Security shall be forfeited and the acceptance of the tender shall be considered as cancelled.

### **40. Contract Performance Security**

7.5 % of one year contract value (Excluding taxes and duties) to be submitted either in the form of BG or DD within 15 days of receipt of LOA/LOI by . Format of Bank Guarantee towards security deposit as performance bank guarantee is enclosed with tender. In case of BG, the validity period of BG should be beyond 03 months from date of expiry of warranty period. (To be read in conjunction with GCC- Clause No. 24)

### **41. Corrupt or Fraudulent Practices**

41.1 BCPL requires that bidders/contractors observe the highest standard of ethics during the execution of contracts. In pursuance of this policy, the Employer;

a) defines, for the purposes of this provision, the terms set forth below as follows;

I. "corrupt practice" means the offering, giving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract **execution; and**

II. "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition;

b) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

c) will declare a firm ineligible, either indefinitely or for a stated period of time if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a contract.

41.2 Bidder is required to furnish the complete and correct information/documents required for evaluation of their bids. If the information / documents forming basis of evaluation is found to be false/forged, the same shall be considered adequate ground for rejection of Bids and forfeiture of Earnest Money Deposit (Bid Security).

b) In case, the information/document furnished by the vendor/contractor forming basis of evaluation of his bid is found to be false/forged after the award of the contract, BCPL shall have full right to terminate the contract and get the remaining job executed at the risk & cost of such vendor/contractor without any prejudice to other rights available to BCPL under the contract such as forfeiture of CPBG/Security Deposit, withholding of payment etc.

c) In case this issue of submission of false document comes to the notice after execution of work, BCPL shall have full right to forfeit any amount due to the vendor/contractor along with forfeiture of CPBG/Security Deposit furnished by the vendor/contractor.

a) Further, such bidder/vendor/contractor shall be put on Blacklist/Holiday List of BCPL debarring them from future business with BCPL.

#### **42 Misc.**

A new clause in General Conditions of Contract has been appended as under:

The contractor shall obtain necessary certificate with regard to verification of character and antecedents in respect of personnel deployed or proposed to be deployed to carry out the contractual obligations and provide the copy of the said certificate for facilitating Photo Pass to enter into BCPL's premises.

**FORMS AND FORMATS**

**BIDDER'S GENERAL INFORMATION**

To  
 BRAHMAPUTRA CRACKER AND POLYMER LIMITED,  
 P.O. LEPETKATA,-786006  
 DISTRICT – DIBRUGARH  
 ASSAM

(Country Code) (Area Code) (Telephone Number)

1-1 Bidder Name: \_\_\_\_\_

1-2 Number of Years in Operation: \_\_\_\_\_

1-3 Address of Registered Office: \_\_\_\_\_

City \_\_\_\_\_ District \_\_\_\_\_

State \_\_\_\_\_ PIN/ZIP \_\_\_\_\_

1-4 Operation Address  
 if different from above:

\_\_\_\_\_  
 \_\_\_\_\_

City \_\_\_\_\_ District \_\_\_\_\_

State \_\_\_\_\_ PIN/ZIP \_\_\_\_\_

1-5 Address where order  
 Is to be placed/ issued:

\_\_\_\_\_  
 \_\_\_\_\_

City \_\_\_\_\_ District \_\_\_\_\_

State \_\_\_\_\_ PIN/ZIP \_\_\_\_\_

1-6 Telephone Number: \_\_\_\_\_

(Country Code) (Area Code)(Telephone Number)

1-7 E-mail address, \_\_\_\_\_

1-8 Website:: \_\_\_\_\_

1-9 Fax Number: \_\_\_\_\_

1-10 ISO Certification, if any { If yes, please furnish details}

1-11 Whether Supplier / Manufacturer \_\_\_\_\_  
 Dealer/Trader/Contractor

1-12 Banker's Name, Branch \_\_\_\_\_

1-13 Bank account number \_\_\_\_\_

1-14 TIN/CST/VAT \_\_\_\_\_(enclose copy of registration for TIN/CST/VAT)

1-15 SERVICE TAX NUMBER \_\_\_\_\_ (Enclosed Copy of 'Service Tax Registration Certificate )

1-16 PAN No. : .....

1-17 Whether SSI Registrant Or not :

Place: [Signature of Authorized Signatory of Bidder]

Date: Name:

Designation:

Seal:

**BID FORM**

**F2**

**To,**  
**Dy. General Manager (C&P) BCPL**  
**Lepetkata, Dibrugarh, Assam (India)**  
**Phone: +91 373 2914609**

Dear Sir,

After examining/reviewing the Bidding Documents for , including Special conditions of contract, Scope of work, General Conditions of Contract and schedule of rates etc. the receipt of which is hereby duly acknowledged, we, the undersigned, pleased to offer to execute the whole of the Job of..... and in conformity with, the said Bid Documents, including Addenda Nos. \_

We confirm that this bid is valid for a period of Three (3) months from the date of opening of Techno- Commercial Bid, and it shall remain binding upon us and may be accepted by any time before the expiration of that period.

If our bid is accepted, we will provide the requisite performance security for the due performance with in fifteen days of such award.

Until a final Purchase Order/Agreement is prepared, the bid together with your written acceptance thereof in your notification of award shall constitute a binding Agreement between us.

We understand that Bid Document is not exhaustive and any action and activity not mentioned in Bid Documents but may be inferred to be included to meet the intend of the Bid Documents shall be deemed to be mentioned in Bid Documents unless otherwise specifically excluded and we confirm to perform for fulfilment of Agreement and completeness of the Work in all respects within the time frame and agreed price.

We understand that you are not bound to accept the lowest priced or any bid that you may receive.

SEAL AND SIGNATURE  
DATE:

Duly authorized to sign bid for and on behalf of M/s \_\_\_\_\_

(SIGNATURE OF WITNESS)

WITNESS NAME:

ADDRESS:

## LIST OF ENCLOSURES

**F3**

Brahmaputra Cracker and Polymer Limited,  
Administrative Building”,  
NH-37, P.O. Lepetkata,  
Dibrugarh, Assam, PIN – 786006

**Dear Sir,**

We are enclosing the following documents as part of the bid:

1. Power of Attorney of the signatory to the Bidding Document.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

(SEAL AND SIGNATURE OF BIDDER)

**LETTER OF AUTHORITY****PROFORMA FOR LETTER OF AUTHORITY FOR ATTENDING AND SUBSEQUENT  
NEGOTIATIONS/CONFERENCES**

Ref: No.

Date:

To,  
 Brahmaputra Cracker & Polymer Ltd.  
 “Administrative Building”,  
 NH-37, P.O. Lepetkata,  
 Dibrugarh, Assam, PIN – 786006

Dear Sir,

We -----hereby authorize following representative(s)  
 to attend un-priced bid opening and price bid opening and for any other correspondence and  
 communication against above Bidding Document:

- 1) Name & Designation -----Signature-----
- 2) Name & Designation -----Signature-----

We confirm that we shall be bound by all commitments made by aforementioned authorized  
 representatives.

Place:  
 Date:

Yours faithfully,  
 (Signature of Authorized Signatory of Bidder)  
 Name:  
 Designation:  
 Seal:

Note: This letter of authority should be on the letterhead of the bidder and should be signed by a  
 person competent and having the power of attorney to bind the bidder. Not more than two persons are  
 permitted to attend techno-commercial un-priced and price bid opening.

**NO DEVIATION CONFIRMATION**

To,  
Brahmaputra Cracker & Polymer Ltd.  
“Administrative Building”,  
NH-37, P.O. Lepetkata,  
Dibrugarh, Assam, PIN – 786006

Dear Sir,

We understand that any deviation/exception in any form may result in rejection of bid. We, therefore, certify that we have not taken any exceptions/deviations anywhere in the bid and we agreed that if any deviation/exception is mentioned or noticed, our bid may be rejected.

Place:  
Date:

(Signature of Authorized Signatory of Bidder)  
Name:  
Designation:  
Seal:

**PROFORMA FOR BANK GUARANTEE FOR SECURITY DEPOSIT**  
**(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)**

**To:**

Brahmaputra Cracker & Polymer Ltd.  
 “Administrative Building”, NH-37, P.O. Lepetkata,  
 Dibrugarh, Assam, PIN – 786006

Dear Sirs,

M/s \_\_\_\_\_ have been awarded the work of \_\_\_\_\_ for Brahmaputra Cracker & Polymer Limited, Dibrugarh – 786006, Assam. The Contracts conditions provided that the CONTRACTOR shall pay a sum of Rs----- (Rupees as Initial / full Security Deposit in the form therein mentioned). The form of payment of Security Deposit includes guarantee executed by Nationalized Bank, undertaking full responsibility to indemnify Brahmaputra Cracker & Polymer Limited, in case of default.

The said-----has approached us and at their request and in consideration of the premises we having our office at ----- have agreed to give such guarantee as hereinafter mentioned.

1. We \_\_\_\_\_ hereby undertake and agree with you that if default shall be made by M/s ---- ----- in performing any of the terms and conditions of the tender or in payment of any money payable to Brahmaputra Cracker & Polymer Limited, we shall on demand pay to you in such manner as you may direct the said amount of Rupees----- only or such portion thereof not exceeding the said sum as you may from time to time require.
2. You will have the full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on your under the contract with the said -----and to enforce or to forbear from endorsing any powers or rights or by reason of time being given to the said -----which under law relating to the sureties would but for provision have the effect of releasing us.
3. Your right to recover the said sum of Rs------(Rupees -----) from us in manner aforesaid will not be affected or suspended by reason of the fact that any dispute or disputes have been raised by the said M/s -----and/or that any dispute or disputes are pending before any officer, tribunal or court.
4. The guarantee herein contained shall not be determined or affected by the liquidation or winding up dissolution or changes of constitution or insolvency of the save said but shall in all respects and for all purpose be binding and operative until payment of all money due to you in respect of such liabilities is paid.
5. This guarantee shall be irrevocable and shall remain valid upto-----If any further extension of this guarantee is required the same shall be extended to such required period on receiving instructions from M/s---- ----- on whose behalf this guarantee is issued.
6. We have power to issue this guarantee in your favour under Memorandum and Articles of Association and the undersigned has full power to do under the Power of Attorney dated ----- granted to him by the Bank.

Yours faithfully,

\_\_\_\_\_  
 Bank  
 By its Constituted Attorney

Signature of a person duly authorized to sign on behalf of the Bank.

**DECLARATION**

To  
Brahmaputra Cracker & Polymer Ltd.  
“Administrative Building”, NH-37, P.O. Lepetkata,  
Dibrugarh, Assam, PIN – 786006

Dear Sir,

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

We further confirm that, we have not been blacklisted or kept under holiday by any Public Sector Undertaking /Government Organization /GAIL (India) Limited/BCPL etc.

We agree that if any noticed in future, our Bid may be rejected / terminated.

Place:

Date :

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:

### **ACKNOWLEDGEMENT CUM CONSENT LETTER**

(Within 07 days of receipt of Bidding document, Bidder shall acknowledge the receipt and confirm his intention to Bid against the enquiry/tender through e-mail to or per return FAX by filling up the this Format)

**To,**

**SR. OFFICER (C&P)**

**BRAHMAPUTRA CRACKER & POLYMER LTD.**

**“ADMINISTRATIVE”, P.O.LEPETKATA**

**DIBRUGARH, ASSAM, PIN – 786006**

**FAX: 0373 – 2914611 / 2914609**

**SUBJECT:**

Dear Sir,

We hereby acknowledge receipt of a complete set of bidding document along with enclosures for subject item/work.

We undertake that the contents of the above bidding document shall be kept confidential and further that the drawings, specifications and documents shall not be transferred and that the said documents are to be used only for the purpose for which they are intended.

- A) We intend to bid as requested for the subject item/work and furnish following details with respect to our quoting office:

|                       |   |       |
|-----------------------|---|-------|
| (i) Postal Address    | : | <hr/> |
| (ii) Telephone Number | : | <hr/> |
| (iii) Telefax Number  | : | <hr/> |
| (iv) Contact Person   | : | <hr/> |
| (v) E-mail Address    | : | <hr/> |

- B) Details of Contact person:

|                       |   |       |
|-----------------------|---|-------|
| (i) Postal Address    | : | <hr/> |
| (ii) Telephone Number | : | <hr/> |
| (iii) Fax Number      | : | <hr/> |
| (iv) Contact Parson   | : | <hr/> |
| (v) E-mail Address    | : | <hr/> |

- C) We are unable to bid for the reasons given below and we are returning back the entire set of bidding documents.

|                                   |   |       |
|-----------------------------------|---|-------|
| Reasons for non-submission of bid | : | <hr/> |
| Agency's Name                     | : | <hr/> |
| Signature                         | : | <hr/> |
| Name                              | : | <hr/> |
| Designation                       | : | <hr/> |
| Date                              | : | <hr/> |
| Seal/Stamp                        | : | <hr/> |

**PROFORMA FOR CONTRACT AGREEMENT**

LOA No. BCPL /

Dated -----

Contract Agreement for the work of ----- of Brahmaputra Cracker & Polymer Ltd. (BCPL) made on ----- between (Name and Address)-----, hereinafter called the "CONTRACTOR" (which term shall unless excluded by or repugnant to the subject or context include its successors and permitted assignees) of the one part and BCPL hereinafter called the "EMPLOYER" (which term shall, unless excluded by or repugnant to the subject or context include its successors and assignees) of the other part. WHEREAS

A. The EMPLOYER being desirous of having provided and executed certain work mentioned, enumerated or referred to in the Tender Documents including Letter Inviting Tender, General Tender Notice, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, Plans, Time Schedule of completion of jobs, Schedule of Rates, Agreed Variations, other documents has called for Tender.

B. The CONTRACTOR has inspected the SITE and surroundings of WORK specified in the Tender Documents and has satisfied himself by careful examination before submitting his tender as to the nature of the surface, strata, soil, sub-soil and ground, the form and nature of site and local conditions, the quantities, nature and magnitude of the work, the availability of labour and materials necessary for the execution of work, the means of access to SITE, the supply of power and water thereto and the accommodation he may require and has made local and independent enquiries and obtained complete information as to the matters and thing referred to, or implied in the tender documents or having any connection therewith and has considered the nature and extent of all probable and possible situations, delays, hindrances or interferences to or with the execution and completion of the work to be carried out under the CONTRACT, and has examined and considered all other matters, conditions and things and probable and possible contingencies, and generally all matters incidental thereto and ancillary thereof affecting the execution and completion of the WORK and which might have influenced him in making his tender.

C. The Tender Documents including the Notice Letter Inviting Tender, General Conditions of Contract, Special Conditions of Contract, Schedule of Rates, General Obligations, SPECIFICATIONS, DRAWINGS, PLANS, Time Schedule for completion of Jobs, Letter of Acceptance of Tender and any statement of agreed variations with its enclosures copies of which are hereto annexed form part of this CONTRACT though separately set out herein and are included in the expression "CONTRACT" wherever herein used.

AND WHEREAS The EMPLOYER accepted the Tender of the CONTRACTOR for the provision and the execution of the said WORK at the rates stated in the schedule of quantities of the work and finally approved by EMPLOYER (hereinafter called the "Schedule of Rates") upon the terms and subject to the conditions of CONTRACT.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED AND DECLARED AS FOLLOWS:-

1. In consideration of the payment to be made to the CONTRACTOR for the WORK to be executed by him, the CONTRACTOR hereby covenants with EMPLOYER that the CONTRACTOR shall and will duly provide, execute and complete the said work and shall do and perform all other acts and things in the CONTRACT mentioned or described or which are to be implied there from or may be reasonably necessary for the completion of the said WORK and at the said times and in the manner and subject to the terms and conditions or stipulations mentioned in the contract.

2. In consideration of the due provision execution and completion of the said WORK, EMPLOYER does hereby agree with the CONTRACTOR that the EMPLOYER will pay to the CONTRACTOR the respective amounts for the WORK actually done by him and approved by the EMPLOYER at the Schedule of Rates and such other sum payable to the CONTRACTOR under provision of

CONTRACT, such payment to be made at such time in such manner as provided for in the CONTRACT. A N D

3. In consideration of the due provision, execution and completion of the said WORK the CONTRACTOR does hereby agree to pay such sums as may be due to the EMPLOYER for the services rendered by the EMPLOYER to the CONTRACTOR, such as power supply, water supply and others as set for in the said CONTRACT and such other sums as may become payable to the EMPLOYER towards the controlled items of consumable materials or towards loss, damage to the EMPLOYER'S equipment, materials construction plant and machinery, such payments to be made at such time and in such manner as is provided in the CONTRACT. It is specifically and distinctly understood and agreed between the EMPLOYER and the CONTRACTOR that the CONTRACTOR shall have no right, title or interest in the SITE made available by the EMPLOYER for execution of the works or in the building, structures or work executed on the said SITE by the CONTRACTOR or in the goods, articles, materials etc., brought on the said SITE (unless the same specifically belongs to the CONTRACTOR) and the CONTRACTOR shall not have or deemed to have any lien whatsoever charge for unpaid bills will not be entitled to assume or retain possession or control of the SITE or structures and the EMPLOYER shall have an absolute and unfettered right to take full possession of SITE and to remove the CONTRACTOR, their servants, agents and materials belonging to the CONTRACTOR and lying on the SITE. The CONTRACTOR shall be allowed to enter upon the SITE for execution of the WORK only as a licensee simpliciter and shall not have any claim, right, title or interest in the SITE or the structures erected thereon and the EMPLOYER shall be entitled to terminate such license at any time without assigning any reason. The materials including sand, gravel, stone, loose, earth, rock etc., dug up or excavated from the said SITE shall, unless otherwise expressly agreed under this CONTRACT, exclusively belong to the EMPLOYER and the CONTRACTOR shall have no right to claim over the same and such excavation and materials should be disposed off on account of the EMPLOYER according to the instruction in writing issued from time to time by the ENGINEER-IN-CHARGE In Witness whereof the parties have executed these presents in the day and the year first above written.

Signed and Delivered for and on  
behalf of the EMPLOYER.

Signed and Delivered for and on behalf of  
behalf of the CONTRACTORS.

BRAHMAPUTRA CRACKER & POLYMER LIMITED (NAME OF THE CONTRACTOR)

\_\_\_\_\_  
Date : \_\_\_\_\_  
Place: \_\_\_\_\_

\_\_\_\_\_  
Date : \_\_\_\_\_  
Place: \_\_\_\_\_

**IN PRESENCE OF TWO WITNESSES**

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
2. \_\_\_\_\_  
\_\_\_\_\_

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
2. \_\_\_\_\_  
\_\_\_\_\_

## BRIEF SUMMARY OF AGREED TERMS & CONDITIONS

Bidder M/s .  
Offer Ref .

This Questionnaire duly filled in should be returned along with Un-priced Bid.  
Clauses confirmed hereunder should not be repeated in the Bid.

| Sl. No. | Description                                                                                                                                                                                                                                                                     | Bidder's Confirmation |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1       | It is noted that deviations to Terms & Conditions shall lead to Rejection of offer, as specified in the Bid Document.                                                                                                                                                           |                       |
| 2       | Confirm Bid has been submitted as per Instructions to Bidders in bid document.                                                                                                                                                                                                  |                       |
| 3       | Confirm that the offer shall remain valid for acceptance up to 3 (Three) months from Final Bid Due Date /Date of Opening of Bids                                                                                                                                                |                       |
| 4       | Confirmed that the documents submitted are true and genuine and in case of any discrepancy noticed or observed at any stage, bidder shall be personally responsible for the damages or loss to BCPL                                                                             |                       |
| 5       | Confirmed that the contents of the Tender Document have not been modified or altered. In case, it is found that the tender document has been modified / altered by the bidder, the bid submitted by us shall be liable for rejection.                                           |                       |
| 6       | Provide PAN number.                                                                                                                                                                                                                                                             |                       |
| 7       | Provide Service Tax Registration number.                                                                                                                                                                                                                                        |                       |
| 8       | Confirmation towards submission of duly filled, signed and stamped copy of complete tender documents (ITB, SCC, SCOPE OF WORK, GCC and all Annexure & Forms).                                                                                                                   |                       |
| 9       | Confirmation towards submission of duly signed & stamped copy of blank SOR (Schedule of Rates) showing that rate is quoted in same format.                                                                                                                                      |                       |
| 10      | Confirmation towards submission of duly signed and stamped copy of No Deviation Confirmation as per F-6                                                                                                                                                                         |                       |
| 11      | Confirmation of compliance to tender terms & condition without any deviation such as Scope of work, Specification, contract period & time of job completion, Terms of Payment, PRS/compensation for delay, Arbitration, Force Majeure, Guarantee of work, applicable laws, etc. |                       |
| 12      | Confirmed that all terms and conditions of the tender are acceptable in totality                                                                                                                                                                                                |                       |
| 13      | Confirm that the prices are quoted as per clause 13.0 of ITB.                                                                                                                                                                                                                   |                       |
| 14      | Bidder's name and address                                                                                                                                                                                                                                                       |                       |
| 15      | Confirm acceptance of Price Reduction Schedule (PRS)/Demurrage / Penalty for delay & Penalty clause as specified in the Bid Document.                                                                                                                                           |                       |
| 16      | Confirm acceptance of Terms of Payment as specified in the Bid Document.                                                                                                                                                                                                        |                       |

|     |                                                                                                                                                                                    |  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 17  | Confirm quoted prices will remain firm and fixed till complete execution of the order. Fax of Intent shall be placed within offer validity as 'Notification of Award of Contract'. |  |
| 18  | Confirm acceptance in totality of the Terms & Conditions contained in:                                                                                                             |  |
| I   | Instructions to Bidders                                                                                                                                                            |  |
| Ii  | General Conditions of Contract (GCC)                                                                                                                                               |  |
| Iii | Special Conditions of Contract (SCC)                                                                                                                                               |  |
| Iv  | Scope of Work                                                                                                                                                                      |  |
| V   | All other commercial documents/attachments of Bid Document                                                                                                                         |  |
| 19  | Indicate Name & Contact EMail/ Telephone/Mobile/Fax No. Of person(s) to whom queries, if any, are to be addressed against your bid                                                 |  |

BIDDER CONFIRMS THAT IN CASE OF CONFLICTING VERSION OF VARIOUS TERMS & CONDITIONS AT DIFFERENT PLACES, THE CONFIRMATION FURNISHED AS ABOVE SHALL BE CONSIDERED OVERRIDING AND FINAL AND ANY OTHER DEVIATION INDICATED ELSEWHERE SHALL BE TREATED AS REDUNDANT.

Signature \_  
Name-----  
Designation \_  
Tel No.  
E-mail -----  
Fax No-. -----  
Office St-am-p -----\_

**SPECIAL CONDITIONS OF CONTRACT [SCC]****SPECIAL CONDITIONS OF THE CONTRACT**  
**SCC: Part -A****1.0 GENERAL:**

- 1.1 *The **Special Condition of Contract** shall be read in conjunction with the General Conditions of Contract, Schedule of rates, specifications, drawings and any other documents forming part of contract, wherever the context so requires. Notwithstanding the sub-division of the documents into these separate sections and volumes, every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the CONTRACT so far as it may be practicable to do so.*
- 1.2 *Where any portion of the “**General Condition of Contract**” is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears, the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the “**General Conditions of Contract**” and shall to the extent of such repugnancy, or variations, prevail.*
- 1.3 *Wherever it is mentioned in the specifications that the CONTRACTOR shall perform certain WORK or provide certain facilities, it is understood that the CONTRACTOR shall do so at his cost and the VALUE OF CONTRACT shall be deemed to have included cost of such performance and provisions, so mentioned.*
- 1.4 *The materials, design, and workmanship shall satisfy the relevant INDIAN STANDARDS, the JOB SPECIFICATIONS contained herein and CODES referred to. Where the job specification stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.*

The intending bidder shall be deemed to have visited the site. Non-familiarity with site condition and unawareness of General Condition of Contract will not be considered a reason either for extra claim or for not carrying out work in strict conformity with drawings and specifications.

**2.0 LOCATION:**

**Refer SCC-Part B**

**3.0 SCOPE OF WORK:**

The Scope of Work shall be as per Special Conditions of Contract (SCC) **Part-B.**

**4.0 TIME OF COMPLETION / PERIOD OF CONTRACT:**

**As per (SCC) Part-B.**

The work shall be executed strictly as per time Schedule given in Tender Document. The period of completion given includes the time required for mobilization as well as testing, rectifications, if any, re-testing and completion in all respects to the entire satisfaction of the Engineer-in-Charge.

**5.0 TERMS OF PAYMENT:**

Terms and conditions related to Payment terms are specified in **SCC Part B**.

**6.0 EARNEST MONEY:**

Not applicable

**7.0 INCOME TAX / SALES TAX / WORKS CONTRACT TAX:**

Income Tax deduction shall be made from all payments to the contractors as per rules and regulation in force in accordance with the Income Tax Act prevailing from time to time. Sales Tax, Works Contract Tax and other duties/ levies, as applicable shall be borne by the contractor.

The BCPL will issue the necessary certificate for income tax deduction at source, however, the contractor has to submit detail of their **Permanent Account No. (PAN)** before issue of such certificate. However, if the contractor has not been allotted PAN and has applied for the same to Income Tax department / the authorized agency nominated by Income Tax department, contractor shall submit the copy of application filed for allotment of PAN No. In absence of any of these documents, no TDS certificate shall be issued by BCPL.

Similarly, in case of Works Contract (involving both supply of material and services) Tax will be deducted at source by BCPL towards W. C. Tax at the rate applicable from time to time (presently 5%) and issue necessary certificate to this effect.

**8.0 SERVICE TAX:**

The Quoted rates should be inclusive of all taxes & duties applicable during the contract period except Service Tax and Education Cess thereon. Service Tax and Cess thereon shall be paid extra if applicable on submission of documentary evidence/invoice(s).

**9.0 SECURITY DEPOSIT:**

9.1 Security deposit @ 7.5% of Annualized Contract Value excluding taxes & duties has to be deposited within 15 (FIFTEEN) days of receipt of LOA/LOI by the contractor. EMD deposited with the tender shall be adjusted towards security deposit/ISD provided it is deposited by Demand Draft/Bankers Cheque.

9.2 No interest shall be payable by the Company to the contractor for the amount of Security deposit.

9.3 Contractor can furnish the total security deposit amount through bank guarantee from any nationalized /Schedule bank in prescribed proforma which shall be valid for 90 days beyond completion of the job or expiry of Defect Liability Period whichever is applicable.

9.4.1 Security Deposit shall be refunded within 90 days after the completion of work or Defect Liability Period whichever is applicable.

**10.0 TECHNICAL SPECIFICATION:**

As enumerated in Special Conditions of Contract / Scope of Work / Attached Drawing / Details / Schedule of Rates.

## **11.0 TESTS AND INSPECTION:**

- 11.1 The Contractor shall carry out the various tests as enumerated in the technical specifications of this tender document and the technical documents that will be furnished to him during the performance of the work and no separate payment shall be made unless otherwise specified in schedule of rates.
- 11.2 All the tests either on the field or at outside laboratories concerning the execution of the work and supply of materials by the Contractor shall be carried out by Contractor at his own cost.
- 11.3 The Contractor shall provide for purposes of inspection access ladders, lighting and necessary instruments at his own cost for inspection work.
- 11.4 Any work not conforming to execution drawings, specifications or codes shall be rejected forthwith and the Contractor shall carryout the necessary rectification at his own cost.
- 11.5 All results of inspection and tests will be recorded in the inspection reports, Proforma of which will be approved by the Engineer-in-Charge. These reports shall form part of the completion documents.
- 11.6 For materials supplied by Owner, Contractor shall carryout the tests, if required by the Engineer-in-Charge, and the cost of such tests shall be reimbursed by the owner at actual to the Contractor on production of documentary evidence. Contractor shall inspect carefully all equipment before receiving them from Owner for installation purposes. Any damage or defect noticed shall be brought to the notice of Engineer-in-Charge.
- 11.7 Inspection and acceptance of work shall not relieve the Contractor from any of his responsibilities under this Contract.

## **12.0 MEASUREMENT OF WORK:**

- 12.1 Measurement of works shall be made in the units mentioned in the Schedule of Rates as per details given in Technical/Standards specifications.
- 12.2 Wherever details are not available or inadequate in the execution drawings, physical measurements will be taken by the contractor in the presence of the representative of the Engineer-in-Charge. In such cases payment will be made on actual measurements.

## **13.0 DEFECT LIABILITY PERIOD:**

The defect liability period shall be as per “SCC-Part B”

## **14.0 CONSTRUCTION EQUIPMENT AND SITE ORGANIZATION:**

- 14.1 The Contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule, progressively deploy adequate equipment and tools and
- 14.2 Tackles and augment the same as decided by the Engineer-in-Charge depending on the exigencies of the work so as to suit the work/construction schedule without any additional cost to owner. The bidder shall submit a list of construction equipment he proposes to deploy for the subject work along with deployment schedule. No Construction Equipment shall be supplied by the Owner.
- 14.3 Subject to the provisions in the tender document and without prejudice to Contractor's liabilities and responsibilities to provide adequate qualified and skilled personnel on the work, contractor shall deploy site organization and augment the same as decided by the Engineer-in-Charge depending on the exigencies of work, without any additional cost to owner. The bidder shall submit the details of minimum site organization proposed by him.

## **15.0 MOBILIZATION ADVANCE (M.A.):**

No mobilization advance is payable for this work.

## **16.0 COMPENSATION FOR EXTENDED STAY:**

No compensation for extended stay is payable to contractor.

**17.0 ABNORMALLY HIGH RATED ITEMS (AHR ITEMS):**

In items rate contract where the quoted rates for the items exceed 50% of the owners/estimated rates, such items will be considered as Abnormally High Rates Items (AHR) and payment of AHR items beyond the SOR stipulated quantities shall be made at the least of the following rates:

- (I) Rates as per SOR, quoted by the contractor.
- (II) Rate of the item, which shall be derived as follows:
  - a. Based on rates of machine and labor as available from the contract (which includes contractor's supervision, profit, overheads and other expenses).
  - b. In case rates are not available in the contract, rates will be calculated based on prevailing market rates of machine, material and labor plus 10% to cover contractor's supervision profit, overhead & other expenses.

**18.0 MISCELLANEOUS:**

All obligations arising of labor deployment labor laws to meet the necessary statutory requirement would solely lie on the contractor. Contractor would be solely responsible for safety and security of manpower and materials.

**19.0 SUBMISSION OF TENDER DOCUMENTS:**

Over-writing should be avoided. Any overwriting or cutting should be signed by the bidder. All copies of tender documents along with drawings should be signed and submitted by the bidder.

**20.0 SCHEDULE OF RATES:**

20.1 The rates quoted by the bidder shall remain firm for any variation and will assume to be inclusive of all taxes & duties excluding Service Tax & Cess thereon.

20.2 No escalation of whatsoever nature shall be paid to the contractor for the entire Contract Period.

**21.0 COMPENSATION FOR DELAY:**

As per GCC.

**22.0 TERMINATION OF CONTRACT:**

As per GCC.

**23.0 CONTRACT AGREEMENT:**

If the work is awarded the contractor shall enter into an agreement with BCPL in the prescribed Performa within 10 days of the issue of LOA/LOI whichever is earlier. The agreement shall be executed on non-judicial stamp paper of RS. 100/- .The cost of stamp paper shall be borne by the contractor. The format of agreement can be obtained from the office of the Deputy General Manager(C&P), BCPL, DIBRUGARH, ASSAM.

**24.0 SUPERVISION OF WORK:**

Contractor or his authorized representative shall be available at site all times, during the progress of the work.

**25.0 CLEARANCE OF SITE:**

25.1 As a part of the contract the contractor shall completely remove all temporary/disposable materials, while execution of work at his own cost and initiative and dispose off the same as directed by Engineer-in-charge.

25.2 The works will not be considered as complete and taken over by the owner, until all the temporary works, labor and staff colonies etc. constructed are removed and the work site cleared to the satisfaction of the Engineer-in-charge, surplus materials and rubbish is cleared off the site completely and the work shall have been measured by the Engineer-in-charge whose measurement shall be binding and conclusive.

- 25.3 If the contractor fails to comply with the requirements of this clause on or before the date fixed for the completion of the work, the Engineer-in-charge may at the expenses of the contractor remove such, surplus materials and rubbish and disposal off the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall forthwith pay the amount of all expenses as incurred and shall have no claim in respect of any such surplus materials as aforesaid except for any sum actually realized by the sale thereof.
- 26.0 ADHERENCE TO SAFETY REGULATIONS:**  
Contractor shall ensure that all safety precautions required are observed at all times during the execution of the job.
- 27.0 NUISANCE:**  
The contractor or his representative shall not at any time cause any nuisance on the site or do anything which shall cause unnecessary disturbance to the owners or tenants or occupants or their properties near the site and to the public generally.
- 28.0 OWNER NOT BOUND BY PERSONAL REPRESENTATION:**  
The contractor shall not be entitled to any increases on the schedule of rates or any other right or claim whatsoever by reason of any representation, explanation statement or alleged representation explanation statement or alleged representation, promise or guarantees given or called to have been given to him by any person.
- 29.0 CARE OF WORKS:**  
From the commencement to completion of the work, the contractor shall take full responsibility for the care for all works including all temporary works any in case any damages, loss or injury shall happen to the work or to a part thereof or to any temporary works from any reason.
- 30.0 DEFENCE OF SUITS:**  
If any action in court is brought against the owner or an officer or agent of the owner, for the failure, omission or neglect on the part of the contractor to perform any acts, matters, convenient or things under the contract or damage or injury caused by the alleged omission or negligence on the part of the contractor, his agents, representative or his subcontractors or in connection with any claim based on lawful demand of sub-contractor, shall in such cases indemnify and keep the owner and/or their representatives harmless from all lesson, damages, expenses or decrease arising out of such action.
- 31.0 RESPONSIBILITIES OF THE CONTRACTOR AND COMPLIANCE WITH LABOUR/INDUSTRIAL LAWS:**
- 31.1 The contractor shall have his own PF code no. with the RPFC as required under employee PF & Miscellaneous Provisions Act, 1952.
- 31.2 The contractors shall periodically submit the challans / receipts / proof for the depositing PF contribution with RPFC.
- 31.3 The contractor is required to obtain labor license under the provisions of Contract Labor (R&A) Act, 1970 from the office of ALC, Ministry of Labor, Govt. of India, Dibrugarh.
- 31.4 The contractor is liable to abide by all necessary licenses / permissions from the concerned authorities as provided under the various labor legislations.
- 31.4.1 The contractor shall discharge obligations as provided under various statutory enactments including the employee's provident fund and Miscellaneous Provisions Act, 1952, Contract Labor (R&A) Act, 1970, Minimum Wages Act, 1948, Payment of wages act 1936, workman compensation act and other relevant acts, rules and regulations enforced from time to time.

- 31.5 The contractor shall be solely responsible for the payment of wages and other dues to the personnel, if any, deployed by him latest by 7th day of the subsequent month.
- 31.7 The contractor shall be solely responsible and indemnify the BCPL against all charges, dues, claim etc. arising out of the disputes relating to the dues and employment of personnel, if any, deployed by him.
- 31.8 The contractor shall indemnify BCPL against all losses or damages, if any, caused to it on account of acts of the personnel, if any, deployed by him.
- 31.9 All personnel deployed by the contractor should be on the rolls of the contractor.
- 31.10 The contractor shall ensure regular and effective supervision and controls of the personnel, if any, deployed by him and give suitable direction for undertaking the contractual obligations.
- 31.11 The personnel to be deputed by the contractor shall observe all security, fire and safety rules of BCPL while at the site. His work will be supervised by the supervisors of contractor. Contractor has to strictly adhere to guidance, instruction when required.
- 31.12 Contractor shall provide proper identification cards for his employees to be deputed by him for work, duly signed by the contractor or authorized person on behalf of contractor. Also the contractor should obtain entry passes from CISF through engineer-in-charge for his employees.
- 31.13 Contractor has to deploy the personnel with no past criminal records. Reformed people, names of such persons should be clearly indicated in case of. Also the contractor has to provide police verification for all the persons deployed by him.
- 31.14 While confirming to any of these conditions, the contractor should ensure that no law of state regarding labor, their welfare, conduct etc, is violated. The contractor shall indemnify BCPL for any action brought against him for violation, non-compliance of any act, rules & regulation of center / state / local statutory authorities.
- 31.15 All existing and amended safety / fire rules of BPC, BCPL are to be followed within the BPC plant or service center.
- 31.16 Contractor shall ensure payment of wages to the person employed and meet all statutory obligation of payment as per Minimum Wages act 1948 and payment of wages Act 1936.
- 31.17 Boarding and lodging facilities for contractor's personal for carrying out the work is to be made by the contractor at his own cost outside the plant premises.
- 31.18 Special safety equipment e.g. breathing apparatus etc. shall be arranged by the Contractor.
- 31.19 The contracts will be required to provide full body harness safety belt for all their workers working at site positively.
- 31.20 The contractor should submit a valid health check-up certificate of their workers/labourers to BCPL before starting the job from a recognized Government Hospital towards the sound health for carrying out the job/work at site by each individual deployed.
- 31.21 Before undertaking jobs, contractor shall take work permit from Engineer-in-charge and same shall be returned after completion of job.
- 31.22 All types of transport connected with the work shall be in the scope of the contractor.
- 31.23 Suitable site office space may be provided by BCPL if required and available.

- 31.24 BCPL will provide free water, steam, air and electricity at suitable points, if required, for under taking the job.
- 31.25 All personnel undertaking the job proposed to be deployed by the contractor shall be medically examined and declared fit by qualified medical practitioner. It should be insured that no personnel engaged by the contractor is suffering from communicable disease.
- 31.26 Technicians/ supervisors deployed by the contractor should be technically qualified for fulfilling the contractual obligation.
- 31.27 In case of account, injury and death caused to the employee of the contractor while executing the work under the contract, the contractor shall be solely responsible for payment of adequate compensation, insurance money etc. to the next kith & kin of injured / diseased. Contractor shall indemnify BCPL from such liabilities.
- 31.28 The contractor shall also undertake to obtain necessary insurance coverage covering all risks connected with the job to be undertaken by him under the contract from insurance company and pay the premium accordingly.
- 32.0 PHOTO GATE PASS/LABOUR PERMISSION/VEHICLE PERMISSION :**  
The contractor shall arrange to make photo gate passes/labor permissions/vehicle passes etc. for his persons/labors/vehicles for working in site plant premises at his own cost as rules of the company.
- 33.0 ARBITRATION CLAUSE:**
- 33.1 All disputes or differences, whatsoever, arising between the parties hereto pertaining to any part of the contract including its execution or concerning the WORKS or maintenance thereof this CONTRACT or to the rights or to liabilities of the parties or arising out or in relation thereto whether during or after completion of the CONTRACT or whether before or after determination, foreclosure or breach of the CONTRACT (other than those in respect of which the decision of any person is by the CONTRACT expressed to be final and binding) shall after written notice by either party to the CONTRACT be referred for adjudication to a sole arbitrator to be appointed by BCPL as hereinafter provided.
- 33.2 For the purpose of appointing the Sole Arbitrator referred to above, the Appointing Authority will send within thirty days of receipt of the notice, to the CONTRACTOR a panel of three names which are not connected with the work in question.
- 33.3 The CONTRACTOR shall on receipt of the names as aforesaid, select any one of the persons named to be appointed as a sole Arbitrator and communicate his names to the Appointing Authority within thirty days of receipt of names. The Appointing Authority shall thereupon without any delay appoint the said person as the sole arbitrator. If the CONTRACTOR fails to communicate his choice for appointment of an Arbitrator, the Appointing Authority shall do it on expiry of 30 days.
- 33.4 If the Arbitrator so appointed is unable to or unwilling to act or resigns or vacates his office due to any reason whatsoever, another sole Arbitrator shall be appointed as aforesaid.
- 33.5 The WORK under the CONTRACT shall however, continue during the Arbitration proceedings and no payment due or payable to the CONTRACTOR shall be withheld on account of such proceedings.
- 33.6 The venue of arbitration shall be Guwahati.
- 33.7 The award of the Arbitrator shall be final and binding on both the parties.

- 33.8 Subject to aforesaid the provisions of the Indian Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.
- 34.0 JURISDICTION:**  
The CONTRACT shall be governed by and constructed according to the laws in force in INDIA. The CONTRACTOR hereby submits to the jurisdiction of the Courts situated at GUWAHATI for the purpose of disputes, actions and proceedings arising out of the CONTRACT.
- 35.0 PRICE PREFERENCE:**  
Price Preference to Central/State Government/Public Sector Enterprises (PSEs), Public Sector Construction and Services Enterprises or joint ventures with PSEs shall be applicable as per directives of Government of India.
- 36.0 SUMMARY TERMINATION OF CONTRACT DUE TO SUBMISSION OF FALSE DOCUMENT:**
- 36.1 Bidders are required to furnish the complete and correct information/documents required for evaluation of their bids. If the information/documents forming basis of evaluation is found to be false/forged, the same shall be considered adequate ground for rejection of the Bids and forfeiture of Earnest Money Deposit.
- 36.2 In case, the information/document furnished by the contractor forming basis of evaluation of his bid is found to be false/forged after the award of the contract, BCPL shall have full right to terminate the contract and get the remaining job executed at the risk & cost of such contractor without any prejudice to other rights available to BCPL under the contract such as forfeiture of Security Deposit, withholding of payments etc.
- 36.3 In case the issue of submission of false document comes to the notice after execution of the work, BCPL shall have full right to forfeit any amount due to the contractor along with forfeiture of Security Deposit furnished by the contractor.
- 36.4 Further, such contractor/bidder shall be blacklisted for future business with BCPL.
- 37.0 SUBMISSION OF ATTESTED COPIES OF CERTIFICATES/DOCUMENTARY EVIDENCES**
- 37.1 Further, the bidders are required to furnish the attested copy (ies) of Power of Attorney/Partnership Deed.
- 37.2 Bidders are required to furnish the attested copy (ies) of documentary evidence in support of meeting the Bidder's Eligibility Criteria.
- 37.3 Non-submission of the attested copies of the certificates/documents will render they bid non-responsive and liable for rejection.
- 38.1 SUB LETTING OF WORK:**  
No contractor shall sublet or assign any work in part or whole to any firm, individual, partnership firm, Pvt. Ltd., Company, Proprietorship firm etc without the prior written permission of BCPL. In case the contractor sublets or assigns the contract in part or whole without the prior written permission of BCPL and any claim referred by any firm / individual to BCPL stating that the main contractor has not paid his or their dues/ payments, in that circumstances, BCPL shall without assigning any reasons, withhold from the payments of contractor, the amount equivalent to the claim amount of sub-contractor/ individual/ vendor (s) etc. The same shall be released to the contractor after contractor and labour/ supplier/ sub-contractor jointly submits a joint written settlement to BCPL.

### 38.2 **AFFIDAVIT:**

The bidder shall submit an affidavit duly notarized to the effect “that the document submitted by him are true and genuine and in case of any discrepancy noticed or observed at any stage the bidder shall be personally responsible not only for the damages or loss to BCPL, but also for criminal proceedings under the relevant laws.

### 39.0 **OTHER SPECIAL TERMS AND CONDITIONS**

1. C- form and Road permit would be issued on supply items of SOR PART A.
2. Entire responsibility along with custody of the material lies with the contractor .i.e. Storage, transit insurance and safe custody of material lies with the contractor.
3. Required storage space would be provided by BCPL.
4. Seller shall arrange & bear all marine cum transit insurance till commissioning.
5. The evaluation of all the responsive bids for supplies (SOR PART A) shall be made as under :
  - a. Ex-works price quoted by the bidder
  - b. (+)Packing & Forwarding (if any) as quoted (if percentage mentioned, then calculated on a.)
  - c. (+) Excise Duty & Educational cess [if percentage mentioned, then calculated on (A+B)]
  - d. (+) Sales tax against form C or without concessional Form / VAT [if percentage mentioned, then calculated on (A+B+C)]
  - e. (+)Transportation charges up to site as quoted [if percentage mentioned, then calculated on (A)]

(+) Commercial/Technical loading, (if any)

**i.(-) A amount of Cenvat benefit against ED and Service tax to be passed on to BCPL, (refer Price schedule).**

In case of statutory changes, the rate of ED & Cess, CST/VAT considered for evaluation shall be prevailing rate as on final date of Un priced Bid opening.

Bidders are required to provide cenvat invoice to enable BCPL to avail cenvat benefit.

**NOTE: Price has to be quoted strictly in the price schedule format only with all desired break-up i.e. Ex-works, taxes, duties, freight etc for Indian Bidder. The bid will be rejected in case written as actuals or to pay extra**

# **SPECIAL CONDITIONS OF CONTRACT –PART B**

## **SPECIAL CONDITIONS OF CONTRACT**

### **1.0 INTRODUCTION**

M/s Brahmaputra Cracker & Polymer Limited (BCPL) is setting up a grass root petrochemical complex at Lepetkata, District Dibrugarh, Assam comprising of a Gas Sweetening Unit, C2+ recovery Unit, Gas + Naphtha Based Ethylene Cracker Unit, LLDPE/HDPE and PP Unit.

The Ethylene Cracker Unit (ECU) consists of ISBL Process units and supporting facility designed to produce polymer grade ethylene, polymer grade propylene, partially hydrogenated Pyrolysis gasoline, Pyrolysis fuel oil and Purified hydrogen. ECU uses C2+ liquid, Naphtha as feed stock to produce Polymer Grade Ethylene. Recycle streams from polymer plants are the additional feeds to ECU. Ethane, Propane, and Hydrogenated C4s/ C5s are recycled to the cracking furnaces. M/s Lummus Technology, USA is the Process Licensor of ECU.

The Ethylene Cracker Unit is designed to produce 220,000 TPA of polymer grade ethylene, 60,000 TPA of polymer grade propylene in 8,000 operating hours per year.

However, with the recycle streams from Polymer plants ECU capacity shall be **221,496 TPA of polymer grade ethylene, 79,136 TPA of polymer grade propylene** in 8,000 operating hours a year. **All the design data provided in Annexure-I are for this condition.**

| <b>Site Location</b>      | <b>Distance</b> |
|---------------------------|-----------------|
| Lepetkata                 |                 |
| Dist: Dibrugarh           |                 |
| State: Assam              |                 |
| Nearest Town:             | Dibrugarh 15 Km |
| Nearest Air Port:         | Dibrugarh 25 KM |
| Nearest National Highway: | NH-37 500M      |

In ECU, Certain speciality chemicals are required for maintaining quality of various process streams. Following are the systems for which speciality chemicals are required.

- 1) **Boiler Feed Water System** : To maintain boiler feed water quality
- 2) **Pyrolysis gasoline:** To avoid Oxidation and gum formation when Gasoline it is routed to storage

**THE BIDDER IS TO SUPPLY THE SPECIALITY CHEMICALS AND PROVIDE SERVICES FOR THE TREATMENT PROGRAMME FOR THE PROCESS APPLICATIONS AS GIVEN ABOVE.**

### **2.0 DETAILS OF VARIOUS PROCESS SYSTEMS**

The various process systems in which the dosing of specialty chemical is required are described below:

## **2.1 BFW & Steam Generation System**

Ethylene Cracker Unit of BCPL has 4 cracking heaters with 6 Nos of TLEs and 1 steam drum in each heater. TLEs generate steam at  $109.5 \text{ kg/cm}^2\text{g}$  &  $318^\circ\text{C}$  via a thermosyphon system connected to a common steam drum for each heater. A common deaerator supply BFW to each 4 boiler drum by high pressure boiler feed water pumps.

Condensate from MP steam ( $16 \text{ kg/cm}^2\text{g}$  &  $250^\circ\text{C}$ ) consumers of ECU is flashed to LP level ( $4 \text{ kg/cm}^2\text{g}$ ) and pumped directly to the Deaerator. Condensate from LP steam ( $4 \text{ kg/cm}^2\text{g}$  &  $180^\circ\text{C}$ ) consumers of ECU is flashed to atmospheric pressure with pressure control to prevent oxygen ingress into the condensate system and then sent to condensate polishing unit. The treated LP condensate and surface condensate of Charge Gas Compressor & Tertiary Refrigeration Compressor turbine are mixed and stored in a storage tank and then pumped to Deaerator. The excess condensate is exported to OSBL. Steam generated in the each steam drum is super heated in super heater coils in each heater and then super heated steam from all the heater taken to a common VHP steam header at ( $104 \text{ kg/cm}^2\text{g}$  &  $500^\circ\text{C}$ ).

**Process Licensor has recommended following speciality chemicals injection system for maintaining Boiler Feed Water Quality:**

### **Phosphate Injection System**

The phosphate injection system provides phosphate injection for pH control of the VHP steam drum BFW by injecting a phosphate containing agent into the pressurized BFW.

The package consists of a drum with mixer and two metering type pump 113-PA-926AX/BX (one operating and one spare). The pump is a diaphragm type single cylinder pump with manual capacity adjustment.

### **Hydrazine Injection System**

The function is to eliminate the oxygen which is still present in the BFW after deaeration. This will be accomplished by injection of an oxygen scavenger consisting of Hydrazine chemical in the Deaerator.

The package consists of a drum and two metering type pump 113-PA-927AX/BX (one operating and one spare). The pump is diaphragm type single cylinder pump with manual capacity adjustment.

**All the relevant Design data/DM water quality/BFW quality/Dozing skid details are mentioned in Annexure-1 along with PFDs.**

## **2.2 Pyrolysis Gasoline**

Pyrolysis gasoline is one of the products in ECU. Depentanizer bottom stream and a part of Gasoline stripper bottom stream constitute Pyrolysis gasoline. Normally, this stream is hydrogenated in Pyrolysis hydrogenation unit and hydrogenated product is sent to storage. However provision is also there to route the Gasoline stream directly to storage without hydrogenation as Raw Pyrolysis Gasoline.

Antioxidant dozing is required into HPG to avoid gum formation and provision for antioxidant injection is also available for Raw Pyrolysis Gasoline when it is routed to Storage.

**All the relevant Design data/Drawings are provided in Annexure-1**

## **3.0 SCOPE OF WORKS AND RESPONSIBILITY OF THE BIDDER**

- 3.1** The bidder shall design and specify a suitable treatment program for the process application mentioned above which is suitable for design operating conditions as shown in **Annexure-1**. Bidder shall also specify and conduct the tests required to determine the effectiveness of the chemicals.

- 3.2 The Bidder shall stock and supply adequate quantity of chemicals for normal operation and for contingency requirement.
- 3.3 The bidder shall specify the dosing rates of the specialty chemicals for the required process applications and dosing to be done by bidder in consultation with EIC/Shift-In charge with the available facility of BCPL. Any additional facility required for dosing to be arranged by the bidder. Also the bidder shall assist in calibration of dosing pump from time to time as desired by EIC/Shift-In charge.
- 3.4 The bidder shall ensure availability of stock position of chemicals at site at least for 3 months requirement. The bidder shall submit daily report of stock position of chemicals. The Bidder shall ensure that supply of chemicals is done in such a way so that the shelf life of the chemicals is not expired. The chemicals shall be supplied by bidder in good quality containers to avoid problems due to spillage during handling. The size of containers preferably shall be of smaller capacity for easy handling manually.
- 3.5 Supervision and monitoring shall be done by the bidder. Daily supervision shall be done by the bidder's specialists during start up, normal operation, planned shutdown and in emergency during the contract period. The specialist shall inform in writing in case some deviation in dosing rate is required from the given treatment program in order to maintain the system.
- 3.6 **The bidder shall issue daily analysis and monthly report on the health of the operating units with respect to the performance of the treatment program along with recommendations, if any to EIC/Shift-In Charge.** The treatment program shall be capable of sustained operation under the conditions prevailing in the plants. Bidder must specify actions required to handle possible upset conditions that can arise in plant. The bidder shall also prepare a 'start-up' report highlighting all the events/problem/trouble shooting experienced during start-up till stabilization.
- 3.7 The bidder shall furnish details of the treatment program including the following in the Technical Bid.
- i) Description of the program including theoretical, practical aspects and the chemical levels to be maintained in the process system during regular operation.
  - ii) Nature of chemicals (in case of non-proprietary) used, including Material Safety Data Sheet for each chemical.
  - iii) Dosing rates & monthly consumption of chemicals for each process system based on the condition given in **Annexure-I**.
- 3.8 The treatment program shall be designed for maintaining continuous operation of the plant without limitation on account of problems associated with process system.
- 3.9 The bidder shall have a monitoring package based on statistical quality control to continuously evaluate and improve the treatment system control and to predict occurrence of problems before they become unmanageable. Bidder shall submit details of such monitoring package, if any.
- 3.10 The containers of chemicals to be stored at site shall be chemically resistant. Special precautions for handling the chemicals, disposal of empty containers, remedial measures to be taken in case of spillage and ingress into human body. The neutralization of

chemical drums/containers shall be in bidder's scope. The taking away of empty neutralized drums for disposal from site, shall be in BCPL's scope.

**3.11** Material received by BCPL will be handed over to the bidder for use and material handling inside the plant shall be in bidder's scope.

**3.12** The bidder may visit BCPL, Lepatkata site before submission of bid to get acquainted with injection facilities available at the Ethylene Cracker Unit if so desired. Any other arrangement required to suit the treatment programme given by bidder, the same shall be in bidder's scope for which no separate payment shall be paid by owner.

**3.13** The bidder shall provide the test procedures for all the parameters to be analyzed and shall provide the necessary equipments which are not available in owner's laboratory. The bidder shall perform relevant analysis/tests in owner's laboratory in consultation with EIC/Laboratory In charge. The bidder shall provide all chemicals/reagents etc. required for carrying out analysis/tests.

**3.14** The bidder shall keep informing regarding new product Bulletins, if any. **Material Safety Data Sheets** and instruction manuals for transportation, storage and handling of the various chemicals to be supplied by them. MSDS display boards of chemicals being supplied shall be installed in the plant near the dosing area, by the bidder.

**3.15** **PROGRAMS/PERFORMANCE MONITORING:**

1. **The Quality of Boiler feed water** shall be checked once in 8 hours in normal course. However, frequency of testing shall be increased when it is felt necessary by EIC/shift -in-charge.

2. **Pyrolysis gasoline:** The gum content shall be checked once in a week in normal course. However, frequency of testing shall be increased when it is felt necessary by EIC/shift in charge

The treatment program shall strictly conform to specifications of both point no. 1 and 2 as per **Annexure 1**.

**4.0** **GUARANTEES**

Bidder shall furnish the following guarantees for the performance of speciality chemicals treatment program:

**4.1** **The treatment program shall maintain BFW & Hydrogenated Pyrolysis gasoline quality as per the specification provided in annexure-1 under the head "Desirable condition after Treatment".**

**4.2** The bidder shall furnish the consumption of various chemicals with respect to the operating condition specified in **Annexure-I** in the format as per **Annexure-II**. In case chemical consumption exceeds the guaranteed consumption (*prorated for actual steam production for BFW treatment chemicals & prorated for Pyrolysis gasoline production for antioxidant for gasoline*) provided by the bidder, the cost of additional consumption of chemical shall be borne by the bidders.

**4.3** **AVAILABILITY OF CHEMICALS WITHOUT INTERRUPTION:**

Bidder shall guarantee supply of chemicals as defined in this SCC clause no (3.4) without interruption.

## **5.0 PENALTY CLAUSE**

Bidder shall undertake guarantee for the performance of specialty chemical treatment program so as to ensure uninterrupted plant operation while maintaining the operational conditions as specified earlier (clause No 4.1 to 4.3). In case of interruption/failure of any of the operational/equipment conditions (mentioned in clause no 4.1 to 4.3) BCPL reserves the right to impose a penalty of 1% of the total contract value for occurrence of every failure/interruption and also reserves the right to terminate the contract by giving notice of one month.

## **6.0 PERIOD OF CONTRACT**

Period of contract shall be 24 (Twenty four) months from the date of commencement of the work. This period may be extended for a further period of 06 (six) months on the same rate, terms and conditions.

## **7.0 DEPLOYMENT OF RESOURCES**

7.1 After award of the Contract, the bidder shall mobilize all equipments and chemicals necessary for dosing along with accessories and necessary manpower within 4 weeks from the date intimated by BCPL. However, the commencement date of contract shall be the actual date of start of contract.

7.2 The bidder shall deploy Site engineer/supervisor and field operator having minimum 1 (one) year working experience in the field of petrochemical / fertilizer/Refinery and laboratory. The bidder shall submit Bio-data of such personnel to EIC for approval. The personnel deployed by the contractor should be well qualified, experienced and conversant with the treatment program and capable of analyzing, interpreting the data and carry-out trouble-shooting in case of abnormalities and should be able to carry out the basic tests required for performance monitoring.

7.3 The bidder shall deploy adequate manpower for general shift coverage in working days at site to discharge the contractual obligations efficiently. However, bidder shall deploy manpower for round the clock operation in case required.

7.4 In case the services rendered by the bidder is found to be substandard/unsatisfactory or services not being available, penalty @ Rs.5, 000/- (Rupees Five Thousand only) for each default, shall be levied and recovered from contractor's bill.

## **8.0 ACCOMMODATION & TRANSPORTATION FOR CONTRACTOR'S PERSONNEL**

The Bidder shall make own arrangement for residential accommodation of its personnel and transportation arrangement at site shall be in the scope of the Bidder. BCPL shall, however, provide suitable office space for Bidder's personnel at site.

## **9.0 PENALTY AGAINST VIOLATION OF HSE RELATED NORMS**

Bidders to provide all required PPEs to their employees deployed in BCPL site and follow all the safety rules & regulation of BCPL.

Punitive fines on contractors are imposed for repetitive violation of safety rules & regulations during execution of jobs. Objective of punitive fines is to work as deterrent for contractors in violation of safety rules & regulation and to improve safety atmosphere in general at all site. Guidelines for imposition are described below:

- 9.1 For first time violation of safety rules & regulation by any contractor, HOD (F&S) shall issue a warning letter to contractor with intimation to HOD, ECU and EIC.
- 9.2 In case of second time violation of safety rules & regulation by same contractor, HOD, ECU shall call the contractor in person and shall have a meeting to discuss reason for repetitive violation along with the EIC/HOD (F&S).
- 9.3 In case further violation, punitive fines shall be imposed on contractor. Amount of fine shall be decided as per severity of violation of safety. However, minimum fine would be Rs 10,000/- and in multiple of Rs 10,000/-, thereafter. This will be limited to 5% of the contract value, as maximum cumulative penalty.

#### **10.0 PAYMENT TERMS**

- 10.1 Running account payment shall be made to the contractor against monthly bills, duly certified by EIC. The rates quoted and agreed upon shall remain firm till the expiry of the contract.
- 10.2 All running account payment shall be regarded as payment by way of advance against the final payment only, and not as final payments for work actually done or cost towards chemicals supplied. The monthly payments shall be based on the actual consumption of chemical subject to ceiling of quoted monthly quantity or guaranteed consumption of chemicals (*prorated for actual steam production for BFW treatment chemicals & prorated for Pyrolysis gasoline production for antioxidant for gasoline*) indicated by bidder in Schedule of Rate. Monthly bills should cover quantities of chemicals and amount payable for respective month and also cumulative quantities of chemicals and amount paid as on date.

#### **11.0 EVALUATION OF BIDS**

- 11.1 Bidders are required to go through the Schedule of Rates carefully and accordingly fill up the price for Part-I and Part-II of Schedule of Rates.
- 11.2 The techno-commercially acceptable bids shall be evaluated on overall price basis considering PART I and II of Schedule of Rates together. The bidders are required to fill up the Schedule of Rates completely with the list of chemicals as per treatment program. The bid with incomplete Schedule of Rates shall be summarily rejected.

Evaluated Price = SOR Part I + SOR Part II

To arrive at the lowest offer, the evaluated price of bidder as quoted in SOR must include the following:

- i) **SOR PART-I:** Cost of chemicals required based on the **operating condition as given in annexure-I & to maintain the desirable conditions as given in annexure-I for two years.**
- ii) **SOR PART-II:** Associated service charges for **two years.**

**ECU BFW and Steam Generation System**

Ethylene Cracker Unit of BCPL has 4 cracking heater with 6 Nos of TLEs and 1 steam drum in each heater. TLEs generate steam at 109.5 kg/cm<sup>2</sup>g & 318 °C via a thermosyphon system connected to a common steam drum for each heater. A common deaerator supply BFW to each 4 boiler drum by high pressure boiler feed water pumps.

Condensate from MP steam (16 kg/cm<sup>2</sup>g & 250 °C) consumers of ECU is flashed to LP level (4 kg/cm<sup>2</sup> (g)) and pumped directly to the Deaerator. Condensate from LP steam (4 kg/cm<sup>2</sup> (g) & 180°C) consumers of ECU is flashed to atmospheric pressure with pressure control to prevent oxygen ingress into the condensate system and then sent to condensate polishing unit. The treated LP condensate and surface condensate of Charge Gas Compressor & Tertiary Refrigeration Compressor turbine are mixed and stored in a storage tank and then pumped to Deaerator. The excess condensate is exported to OSBL. Hydrazine Chemical is added to the deaerator for oxygen scavenging and phosphate is added to BFW downstream of Boiler Feed water pump.

Steam generated in the each steam drum is super heated in super heater coils in each heater and then super heated steam from all the heater taken to a common VHP steam header at (104 kg/cm<sup>2</sup> (g) & 500 °C).

PFD of Steam generation System also attached herewith for reference.

**DESIGN OPERATING DATA**

**Steam Production & BFW Flow**

**: Maximum 88 Tons/Hr & 90 Tons/Hr**  
(Three Heaters on normal operation & one heater on HSS)

**Very High Pressure BFW header  
Pressure/Temperature**

**: 125 kg/cm<sup>2</sup>g and 130 °C**

**Blow down:**

Continuous blow down is 2% of steam flow maximum. **(Intermittent blow down maximum rate is 6.5 T/hr).**

**O2 Content after Deaerator:**

**: 7 ppb by wt. (0.007 ppm wt).**

**Very High Pressure Steam Header  
Pressure/Temperature**

**: 104 kg/cm<sup>2</sup> (g) / 500 °C**

**Deaerator Operating Pressure & Temperature**

**: 1.75 Kg/cm2 and 130 degC**

### **DM Water Quality**

|   | Parameter                                                | Value           |
|---|----------------------------------------------------------|-----------------|
| 1 | PH                                                       | 6.5- 7.0        |
| 2 | Turbidity, NTU                                           | Nil             |
| 3 | Total dissolved solids, mg/l                             | Less than 0.1   |
| 4 | Conductivity@20 <sup>0</sup> C,micromho/cm               | Less than 0.2   |
| 5 | Total Hardness as CaCO <sub>3</sub> , mg/l               | Nil             |
| 6 | Total Silica as SiO <sub>2</sub> ,mg/l                   | Less than 0.02  |
| 7 | Total iron as Fe, mg/l                                   | Less than 0.03  |
| 8 | Total Cu as Cu, mg/l                                     | Less than 0.003 |
| 9 | KMnO <sub>4</sub> consumption at 100 <sup>0</sup> C, ppm | Less than 5     |

### **Polished condensate from Condensate polisher unit:**

|   | Parameter                                   | Value   |
|---|---------------------------------------------|---------|
| 1 | Total Silica as SiO <sub>2</sub> , mg/l     | < 0.02  |
| 2 | Total Iron as Fe, mg/l                      | < 0.01  |
| 3 | Total Cu as Cu, mg/l                        | < 0.003 |
| 4 | KMnO <sub>4</sub> consumption at 100°C, ppm | < 5     |
| 5 | Total Organic (TOC), ppm                    | < 0.5   |

### **EXISTING DOZING FACILITY**

#### **There are Two Dozing Skids:**

#### **Hydrazine Dozing:**

The function is to eliminate the oxygen which is still present in the BFW after deaeration. This will be accomplished by injection of an oxygen scavenger consisting of Hydrazine chemical in the Deaerator.

The dozing skid consists of one drum and two dozing pump ( One working and one standby).

#### **Drum :**

|            |                                           |    |      |                                  |
|------------|-------------------------------------------|----|------|----------------------------------|
| Type       | Vertical process drum                     |    |      |                                  |
| Dimensions | 7 days hold-up based on normal flow rate. |    |      |                                  |
| Nozzles    | One (1)                                   | 1½ | inch | Demin Water connection           |
|            | One (1)                                   | 1½ | inch | Hydrazine connection             |
|            | One (1)                                   | 1½ | inch | Bottom Outlet to Pumps and Drain |
|            | One (1)                                   | 1½ | inch | Overflow / Vent                  |
|            | One (1)                                   | 2  | inch | Utility Connection               |
|            | Two (2)                                   | 2  | inch | Level Indicator with low alarm   |

Two (2) 2 inch Calibrated Gauge Glass

Material: SS 304  
Design Temperature: 65°C  
Design Pressure : 3.5 kg/cm<sup>2</sup>.g

### **Pumps**

Item No.: 113-PA-927 AX/BX  
Service: Hydrazine Injection Pump  
Type: Metering pumps. One pump working and one spare. Pump to be individually adjustable by manual capacity control and equipped with external relief valve. Capacity control shall have a minimum turn down ratio from max. to min. of 10 to 1. Suction strainers shall be provided for each pump. Discharge line has to be equipped with a pulsation damper as per pump manufacturer standard.

Drive Type both electrical motors TEFC  
Capacity: normal 1.8 l/h, rated 2.2 l/h  
Fluid Property: Fluid Hydrazine Solution 1 wt%  
Density 999 kg/m<sup>3</sup>  
Viscosity 1 cP  
Dosage (Hydrazine): 0.01 ppm residual in BFW (max 0.1 ppm) as recommended by Process Licensor.

### **Phosphate Dozing:**

Because of the very high pressure, very stringent requirements are set for the VHP BFW phosphate treatment. The purpose of the BFW Phosphate Injection Package is to provide phosphate injection to create conditions that will favor the formation of sludge instead of scale, that means, scale formers CaSO<sub>4</sub>; CaSiO<sub>3</sub> will precipitate as loose sludge along with other sludges, viz. CaCO<sub>3</sub>; 3Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>·Ca(OH)<sub>2</sub> which are removed from the boiler unit by intermittent blow down.

This will be done by injecting “Phosphine” a phosphate solution into the pressurized boiler feed water.

Phosphate is injected into the BFW pump discharge line. The dozing skid consists of one drum, one mixture and two dozing pump ( One working and one standby).

### **DRUM:**

Item No. 113-VV-926 X  
Service Phosphate Drum  
Type Vertical process vessel provided with removable, hinged cover.  
Dimensions 7 days hold-up based on normal flow rate.

**Nozzles:**

|                           |         |                           |      |                                    |
|---------------------------|---------|---------------------------|------|------------------------------------|
|                           | One (1) | 1½                        | inch | Demin Water connection             |
|                           | One (1) | 1½                        | inch | Phosphate Solution fill connection |
| One (1)                   | 2       | inch                      |      | Bottom Outlet to Pumps and Drain   |
|                           | One (1) | 1½                        | inch | Overflow / Vent                    |
|                           | One (1) | 2                         | inch | Utility Connection                 |
|                           | Two (2) | 2                         | inch | Level Indicator with low alarm     |
|                           | Two (2) | 2                         | inch | Calibrated Gauge Glass             |
| Materials of construction |         | SS316L                    |      |                                    |
| Design Temperature:       |         | 65°C                      |      |                                    |
| Design Pressure :         |         | 3.5 kg/cm <sup>2</sup> .g |      |                                    |

**Pumps**

Item No. 113-PA-926 AX/BX

Service Phosphate Injection Pump

Type Metering simplex or duplex pumps. One pump working and one spare. Pump to be individually adjustable by manual capacity control and equipped with external relief valve. Capacity control shall have a minimum turn down ratio from max. to min. of 10 to 1 Suction strainers shall be provided for each pump. Discharge line has to be equipped with a pulsation damper as per pump manufacturer standard.

Drive Type both electrical motors TEFC

Capacity normal 8.3 l/h, rated 10 l/h (Note 1)

|                 |           |                          |
|-----------------|-----------|--------------------------|
| Fluid Property: | Fluid     | Phosphate Solution 1 wt% |
|                 | Density   | 999 kg/m <sup>3</sup>    |
|                 | Viscosity | 1 cP                     |

Dosage: 10 ppm in steam drum water as recommended by process licensor

**Antioxidant for Pyrolysis Gasoline**

Composition of the combined raw Pyrolysis gasoline stream from Depentanizer bottom and gasoline stripper bottom is as given below:

|                   |              |
|-------------------|--------------|
| C5 Hydrocarbons   | 1.0 wt % max |
| RVP @37.8 °C, psi | 2.9          |
| ASTM End Point    | 200 °C       |

**Detail composition is :**

| Component                  | Unit                   | Value       |
|----------------------------|------------------------|-------------|
|                            | <b>weight%</b>         |             |
| Hydrogen/                  |                        | 0.00        |
| Carbon Monoxide            |                        | 0.00        |
| Carbon Dioxide             |                        | 0.00        |
| Hydrogen Sulfide           |                        | 0.00        |
| Methane                    |                        | 0.00        |
| Acetylene                  |                        | 0.00        |
| Ethylene                   |                        | 0.00        |
| Ethane                     |                        | 0.00        |
| Propadiene/Methylacetylene |                        | 0.00        |
| Propylene                  |                        | 0.00        |
| Propane                    |                        | 0.00        |
| Butadiene/C4 Acetylene     |                        | 0.00        |
| Butylenes                  |                        | 0.00        |
| Butanes                    |                        | 0.00        |
| C5 Hydrocarbons            |                        | 0.45        |
| C6 Non Aromatics           |                        | 6.22        |
| C7 Non Aomatics            |                        | 1.76        |
| C8 Non Aromatics           |                        | 0.59        |
| Benzene                    |                        | 47.52       |
| Toluene                    |                        | 20.14       |
| Xylene/Ethylbenzene        |                        | 5.21        |
| Styrene                    |                        | 5.26        |
| C9 - 204 C                 |                        | 12.85       |
| 204 - 288 C (PGO)          |                        | 0.00        |
| 288 C Plus (PFO)           |                        | 0.00        |
| Steam/Water                |                        | 0.00        |
| Nitrogen                   |                        | 0.00        |
| Naphtha                    |                        |             |
| <b>TOTAL STREAM</b>        |                        |             |
| <b>Mass Flow</b>           | <b>kg/h</b>            | <b>5371</b> |
| Molecular Weight           |                        | 88.16       |
| Temperature                | °C                     | 40.0        |
| Pressure                   | kg/cm <sup>2</sup> (g) | 5.66        |

### **Hydrogenated Pyrolysis Gasoline**

Raw Pyrolysis gasoline stream is partially hydrogenated in single stage Pyrolysis gasoline hydrogenation unit before being sent to OSBL. Hydrogenated Pyrolysis gasoline product meets the following specifications:

|                       |                   |
|-----------------------|-------------------|
| Diene Value (UOP 326) | 2.0 (max)         |
| Styrene               | 0.5 wt% (max)     |
| Induction Period      | 480 minutes (min) |

Detailed specification of the hydro treated and stabilized Pyrolysis gasoline is as given below.

| <b>Estimated Properties</b> | <b>Value</b> |
|-----------------------------|--------------|
| Density @15 °C, kg/m3       | 867          |
| Total Sulfur, wt ppm        | 222          |
| RVP @37.8 °C, psi           | 2.5          |
| RON, Clear                  | 106          |
| MON, Clear                  | 98           |
| Existent Gum, mg/100 ml     | < 1          |
| Antioxidant, ppmw           | 65           |

### **Detail composition is :**

| <b>Component</b>                 | <b>Unit</b>    | <b>Value</b> |
|----------------------------------|----------------|--------------|
|                                  | <b>weight%</b> |              |
| Hydrogen/ Carbon Monoxide        |                | 0.00         |
| Carbon Dioxide/ Hydrogen Sulfide |                | 0.00         |
| Methane/ Acetylene               |                | 0.00         |
| Ethylene/ Ethane                 |                | 0.00         |
| Propadiene/Methylacetylene       |                | 0.00         |
| Propylene/ Propane               |                | 0.00         |
| Butadiene/C4 Acetylene           |                | 0.00         |
| Butylenes/ Butanes               |                | 0.00         |
| C5 Hydrocarbons                  |                | 0.43         |
| C6 Non Aromatics                 |                | 6.34         |
| C7 Non Aromatics                 |                | 1.79         |
| C8 Non Aromatics                 |                | 0.60         |
| Benzene                          |                | 47.65        |
| Toluene                          |                | 20.20        |
| Xylene/Ethylbenzene              |                | 10.45        |
| Styrene                          |                | 0.16         |
| C9 - 204 C                       |                | 8.94         |
| 204 - 288 C (PGO)                |                | 3.44         |
| 288 C Plus (PFO)                 |                | 0.00         |
| Steam/Water                      |                | 0.00         |

|                     |                        |             |
|---------------------|------------------------|-------------|
| Nitrogen            |                        | 0.00        |
| Naphtha             |                        |             |
|                     |                        |             |
| <b>TOTAL STREAM</b> |                        |             |
| <b>Mass Flow</b>    | <b>kg/h</b>            | <b>5354</b> |
| Molar Flow          | kg mol/hr              | 61          |
| Molecular Weight    |                        | 88.17       |
| Temperature         | °C                     | 39.4        |
| Pressure            | kg/cm <sup>2</sup> (g) | 4.00        |

### **Existing Dozing Facility**

The function is to inhibit oxidation and gum formation in the raw Pyrolysis gasoline and Pyrolysis gasoline product stream by injecting 150 ppm by volume of an antioxidant at a concentration of 50 volume percent in a gasoline diluent.

Equipment consists of a process type drum with mixer and a diaphragm-type multi-head metering pump, consisting of 2 pump heads.

### **Equipment List**

| Tag No.     | Description                      |
|-------------|----------------------------------|
| 115-VV-711X | Pygas Antioxidant Drum           |
| 115-PA-711X | Pygas Antioxidant Injection Pump |
| 115-VM-711X | Pygas Antioxidant Drum Mixer     |

#### **Drum**

|            |                        |
|------------|------------------------|
| Item No.   | 115-VV-711X            |
| Service    | Pygas Antioxidant Drum |
| Type       | Vertical process drum  |
| Dimensions | Diameter (ID) 700 mm   |
|            | Height (T/T) 1900 mm   |

#### **Pumps**

|                |                                                                                                                                                                     |     |                      |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------|
| Item No.:      | 115-PA-711X                                                                                                                                                         |     |                      |
| Service:       | Pygas Antioxidant Injection Pump                                                                                                                                    |     |                      |
| Type:          | Diaphragm type with multicylinder (2 head) pumps with common motor.Each cylinder to be individually adjustable and equipped with internal or external relief valve. |     |                      |
| Pump Capacity: | Lit/hr                                                                                                                                                              |     | Discharge Pressure   |
|                | Min                                                                                                                                                                 | Max | kg/cm <sup>2</sup> g |

0.4

1.6

4.5

|                 |           |                              |
|-----------------|-----------|------------------------------|
| Fluid Property: | Fluid:    | Gasoline + Antioxidant       |
|                 | Density   | 850 kg/m <sup>3</sup> @ 15°C |
|                 | Viscosity | 0.55 cP @ 15°C               |

**Dosage:** 150 ppm by volume of antioxidant at a concentration of 50 volume percent in a gasoline diluent as recommended by process Licensor.

### Mixer

|            |                              |
|------------|------------------------------|
| Item No.   | 115-VM-711X                  |
| Service    | Pygas Antioxidant Drum Mixer |
| Type       | Agitator                     |
| Drive      | Electric motor               |
| Batch size | 0.7 m3                       |

## DESIRABLE CONDITION AFTER TREATMENT

### ECU BFW QUALITY

#### 1. Specification:

|    | Parameter                                   | Value          |
|----|---------------------------------------------|----------------|
| 1  | pH at 20°C                                  | 9.2 – 9.4      |
| 2  | Conductivity, micro mho/cm max.             | 0.2            |
| 3  | Silica (as SiO <sub>2</sub> ), ppm wt max.  | 0.02           |
| 4  | Total Iron (as Fe), ppm wt max.             | 0.01           |
| 5  | Total Copper (as Cu), ppm wt max.           | 0.003          |
| 6  | Oxygen, ppm wt max.                         | 0.007          |
| 7  | Chlorides, ppm wt max.                      | 0.01           |
| 8  | Total Dissolved Solids, ppm wt max.         | 0.1            |
| 9  | Total Hardness                              | Not Detectable |
| 10 | Carbon Dioxide                              | Not Detectable |
| 11 | Non-Volatile TOC, ppm wt max.               | 0.2            |
| 12 | Oily Matter, ppm wt max.                    | 0.2            |
| 13 | N <sub>2</sub> H <sub>4</sub> , ppm wt max. | 0.01           |

**2. Total solids in the drum water shall be 50 ppm max or less and the continuous blow down shall be rated for 2% maximum.**

### PYROLYSIS GASOLINE

The existent gum content of the gasoline should be less than 1 mg/100 ml.

# ANNEXURE-II

## Consumption of Chemical (To be Filled by the Bidder)

| Sl No | Process System                     | Recommended Chemical | Required Dosage (ppm) | Consumption ( Kg/Hr) Based on Operating Condition as per Annexure-I | Monthly Guaranteed Consumption ( Kg) based on Operating Condition as per Annexure-I | Guaranteed Consumption ( Kg) for 2 years based on Operating Condition as per Annexure-I | Dilution Required (Yes/No) |
|-------|------------------------------------|----------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------|
| 1     | BFW Treatment chemical (Hydrazine) |                      |                       |                                                                     |                                                                                     |                                                                                         |                            |
| 2     | BFW Treatment chemical (Phosphate) |                      |                       |                                                                     |                                                                                     |                                                                                         |                            |
| 3     | Antioxidant for Pyrolysis Gasoline |                      |                       |                                                                     |                                                                                     |                                                                                         |                            |

## PREAMBLE TO SCHEDULE OF RATES

- 1 Quoted rates should be as per Scope of Work.
- 2 Bidders are required to quote the rates strictly as per the below SOR and not to use any other format.
- 3 Rates should be quoted including all taxes & duties (including WCT if any as per applicable rules) except Service tax.
- 4 Quantities shown in the SOR is tentative which may increase or decrease.
- 5 The benefit of Cenvat credit of Excise Duty quoted in shall be considered for evaluation of bids. Cenvatable Excise Duty Component mentioned shall be considered as mandatory discount. The Cenvatable Excise Duty shall be reimbursed to the Contractor upon submission of original Cenvatable documents as required to enable Owner to claim Cenvat benefit.
- 6 Freight quoted is inclusive of Service Tax.
- 7 Service Tax is payable extra on submission of proper cenvatable invoice as per rules in vogue in India from time to time. Statutory variation would be dearth with as per relevant clause of GCC.
- 8 i) **SOR PART - I:** Cost of chemicals required based on the **operating condition as given in annexure-I & to maintain the desirable conditions as given in annexure-I for two years.**
- 9 ii) **SOR PART - II:** Associated service charges for **two years.**

## **PART –A**

### **SCHEDULE OF RATES**

#### **[UNPRICED BID]**

**Service Contract for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL for a period of two (02) years.**

**SCHEDULE OF RATES [UN-PRICED BID]**

**SOR – PART I : SUPPLY**

| Sl. No | Description of Supplied Item                                               | Name of the Chemical | Unit | Quoted Quantity Per Month | Per Unit Price (Rs) |              | P&F (Rs)     | Excise Duty (Rs.) | VAT / CST (Rs.) | Freight (Rs) | Total Unit Amount (Rs) | Cenvat benefit on ED (Rs) | Amount Per Month (Rs) | Amount for 2 years (Rs) |
|--------|----------------------------------------------------------------------------|----------------------|------|---------------------------|---------------------|--------------|--------------|-------------------|-----------------|--------------|------------------------|---------------------------|-----------------------|-------------------------|
|        |                                                                            |                      |      |                           | In Figures          | In Words     |              |                   |                 |              |                        |                           |                       |                         |
|        | A                                                                          |                      | B    | C                         | D                   |              | E            | F                 | G               | H            | I= D+E+F+G+H           | J                         | K = C*I               | L = J*24                |
| 1      | BFW Treatment chemical (Hydrazine)                                         |                      | Kg   |                           | Do Not Quote        | Do Not Quote | Do Not Quote | Do Not Quote      | Do Not Quote    | Do Not Quote | Do Not Quote           | Do Not Quote              | Do Not Quote          | Do Not Quote            |
| 2      | BFW Treatment chemical (Phosphate)                                         |                      | Kg   |                           | Do Not Quote        | Do Not Quote | Do Not Quote | Do Not Quote      | Do Not Quote    | Do Not Quote | Do Not Quote           | Do Not Quote              | Do Not Quote          | Do Not Quote            |
| 3      | Antioxidant for Pyrolysis Gasoline                                         |                      | Kg   |                           | Do Not Quote        | Do Not Quote | Do Not Quote | Do Not Quote      | Do Not Quote    | Do Not Quote | Do Not Quote           | Do Not Quote              | Do Not Quote          | Do Not Quote            |
|        |                                                                            |                      |      |                           | In Figures          |              |              | In Words          |                 |              |                        |                           |                       |                         |
| [A]    | Total Price of Chemicals ( $\sum$ L) (INR)                                 |                      |      |                           | Do Not Quote        |              |              | Do Not Quote      |                 |              |                        |                           |                       |                         |
| [B]    | Amount of Cenvat Benefit passed onto BCPL on Excise Duty ( $\sum$ J) (INR) |                      |      |                           | Do Not Quote        |              |              | Do Not Quote      |                 |              |                        |                           |                       |                         |

**SOR – PART II : SERVICE**

| Sl No | Description of Job/Item                                                                                                                    | Unit   | Quantity | Unit Rate (In figures) (Rs) | Unit Rate (In Words) (Rs.) | Amount for 2 years (In figures) (Rs) | Amount for 2 years (in Words) (Rs) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-----------------------------|----------------------------|--------------------------------------|------------------------------------|
|       | A                                                                                                                                          | B      | C        | D                           |                            | E = C*D                              |                                    |
| 1     | Service Charge for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL as per Scope of Work | Months | 24       | Do Not Quote                | Do Not Quote               | Do Not Quote                         | Do Not Quote                       |

The price quoted is inclusive of all taxes and duties except service tax. Service Tax is payable extra on submission of proper cenvatable invoice as per rules in vogue in India from time to time. Statutory variation would be dearth with as per relevant clause of GCC. Present applicable rate is 12.36%.

TOTAL QUOTED AMOUNT FOR EVALUATION

|             |                                                                                                                                  | In Figures   | In Words     |
|-------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| [A]         | <b>Total Amount of Chemicals (<math>\Sigma</math> L) (INR)</b>                                                                   | Do Not Quote | Do Not Quote |
| [B]         | <b>Amount of Cenvat Benefit passed onto BCPL on Excise Duty (<math>\Sigma</math> J) (INR)</b>                                    | Do Not Quote | Do Not Quote |
| E (Part II) | <b>SERVICE CHARGE : Amount for 2 years (In figures) (Inclusive of all taxes and duties except service tax) (INR)</b>             | Do Not Quote | Do Not Quote |
|             | <u>TOTAL QUOTED AMOUNT FOR EVALUATION (Inclusive of all taxes and duties except service tax) (INR)</u><br><b>= [A] – [B] + E</b> | Do Not Quote | Do Not Quote |

## **PART –B**

### **SCHEDULE OF RATES** **[PRICED BID]**

**Service Contract for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL for a period of two (02) years.**

### SCHEDULE OF RATES [PRICED BID]

#### SOR – PART I : SUPPLY

| Sl. No | Description of Supplied Item                                                | Name of the Chemical | Unit | Quoted Quantity Per Month | Per Unit Price (Rs) |          | P&F (Rs) | Excise Duty (Rs) | VAT / CST (Rs) | Freight (Rs) | Total Unit Amount (Rs) | Cenvat benefit on ED (Rs) | Amount Per Month (Rs) | Amount for 2 years (Rs) |
|--------|-----------------------------------------------------------------------------|----------------------|------|---------------------------|---------------------|----------|----------|------------------|----------------|--------------|------------------------|---------------------------|-----------------------|-------------------------|
|        |                                                                             |                      |      |                           | In Figures          | In Words |          |                  |                |              |                        |                           |                       |                         |
|        | A                                                                           |                      | B    | C                         | D                   |          | E        | F                | G              | H            | I= D+E+F+G+H           | J                         | K = C*I               | L = J*24                |
| 1      | BFW Treatment chemical (Hydrazine)                                          |                      | Kg   |                           |                     |          |          |                  |                |              |                        |                           |                       |                         |
| 2      | BFW Treatment chemical (Phosphate)                                          |                      | Kg   |                           |                     |          |          |                  |                |              |                        |                           |                       |                         |
| 3      | Antioxidant for Pyrolysis Gasoline                                          |                      | Kg   |                           |                     |          |          |                  |                |              |                        |                           |                       |                         |
|        |                                                                             |                      |      |                           | In Figures          |          |          | In Words         |                |              |                        |                           |                       |                         |
| [A]    | Total Amount of Chemicals ( $\sum L$ ) (INR)                                |                      |      |                           |                     |          |          |                  |                |              |                        |                           |                       |                         |
| [B]    | Amount of Cenvat Benefit passed onto BCPL on Excise Duty ( $\sum J$ ) (INR) |                      |      |                           |                     |          |          |                  |                |              |                        |                           |                       |                         |

**SOR – PART II : SERVICE**

| Sl No | Description of Job/Item                                                                                                                    | Unit   | Quantity | Unit Rate (In figures) (Rs) | Unit Rate (In Words) (Rs.) | Amount for 2 years (In figures) (Rs) | Amount for 2 years (in Words) (Rs) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-----------------------------|----------------------------|--------------------------------------|------------------------------------|
|       | A                                                                                                                                          | B      | C        | D                           |                            | E = C*D                              |                                    |
| 1     | Service Charge for treatment of Boiler Feed Water (BFW) and Pyrolysis Gasoline in Ethylene Cracker Unit (ECU) of BCPL as per Scope of Work | Months | 24       |                             |                            |                                      |                                    |

The price quoted is inclusive of all taxes and duties except service tax. Service Tax is payable extra on submission of proper cenvatable invoice as per rules in vogue in India from time to time. Statutory variation would be dearth with as per relevant clause of GCC. Present applicable rate is 12.36%.

TOTAL QUOTED AMOUNT FOR EVALUATION

|             |                                                                                                                                  | In Figures | In Words |
|-------------|----------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| [A]         | <b>Total Amount of Chemicals (<math>\Sigma</math> L) (INR)</b>                                                                   |            |          |
| [B]         | <b>Amount of Cenvat Benefit passed onto BCPL on Excise Duty (<math>\Sigma</math> J) (INR)</b>                                    |            |          |
| E (Part II) | <b>SERVICE CHARGE : Amount for 2 years (In figures) (Inclusive of all taxes and duties except service tax) (INR)</b>             |            |          |
|             | <u>TOTAL QUOTED AMOUNT FOR EVALUATION (Inclusive of all taxes and duties except service tax) (INR)</u><br><b>= [A] – [B] + E</b> |            |          |