



ब्रह्मपुत्र क्रेकर और पालीमेर लिमिटेड

(भारत सरकार का उपक्रम)

Brahmaputra Cracker and Polymer Ltd.

(A Government of India Enterprise)



Brahmaputra Cracker and Polymer Limited

(A Government of India Enterprise)

ADMINISTRATIVE BUILDING, PO: LEPETKATA

DISTT.: DIBURGARH, ASSAM

PIN CODE:786006

PHONE NO. 0373 2914636

TENDER NO: BCPL/C&P/SER/CO16W134PP/00101

DATED: 14.09.2016

**TENDER DOCUMENT FOR ANNUAL MAINTENANCE CONTRACT FOR
PRESSURE SAFETY VALVES INSTALLED IN BCPL, LEPETKATA, DULIAJAN &
LAKWA”**

Tender Submission Date & Time	:	30.09.2016 at 14:30 Hrs
Tender Opening Date & Time	:	30.09.2016 at 15:00 Hrs

EMD Amount	:	78,000/-
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SECTION IA

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 for **ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA** for a period of 12 months and extendable for further period of 3 months or part thereof 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 Competitive Bidding Basis (Bid to be sent by post / courier or hand delivered).
1.2.2	Bid Document No.:	BCPL/C&P/SER/CO16W134PP/00101
1.2.3	Bid documents available on Website & BCPL office	From 15.00hrs on 14/09/2016 on www.bcplonline.co.in and www.gailtenders.in & CPP portal
1.2.3	Delivery schedule	REFER SPECIAL CONDITION OF CONTRACT-PART B of SECTION III of tender
1.2.4	Pre-Bid Meeting	26/09/2016 on 15.00 hrs (IST)
1.2.5	Last date and time for Submission of bid	30/09/2016 up to 14.30 hrs (IST)
1.2.6	Date and time for opening of un-priced bid at BCPL, Lepetkata	30/09/2016 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
1.2.7	Place of submission of bid	CONTRACT & PROCUREMENT DEPART. BRAHMAPUTRA CRACKER & POLYMER LIMITED, ADMINISTRATIVE BUILDING, C&P DEPARTMENT P.O. -LEPETKATA LEPETKATA, DIBRUGARH-786006, ASSAM
1.2.8	Earnest Money	Rs 78,000/- (Rupees Seventy Eight Thousand Only)



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	Deposit / Bid Security (Refundable)	
	Tender Fees (non-refundable)	Not Applicable in this tender
1.2.9	Security Deposit	Successful bidder shall have to deposit Security Deposit (SD)/Contract Performance Security @7.5% of Contract Value 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.
1.2.10	Venue for Opening of Un-priced bids	CONTRACT & PROCUREMENT DEPARTMENT BRAHMAPUTRA CRACKER & POLYMER LIMITED, ADMINISTRATIVE BUILDING, C&P DEPARTMENT P.O. - LEPETKATA, BARBARUAH DIBRUGARH-786006, ASSAM
1.2.11	Contact Person	Pranjal Kumar Phukan, SM (C&P) E-mail: pranjalk.phukan@bcplindia.co.in Ph. No. +91-373-2914609/35

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 along with the following documents.

i) EMD/Bid security.

ii) Power of Attorney.

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.**

2) EARNEST MONEY DEPOSIT/BID SECURITY

[Refer clause no. 4 of RFQ of Tender Document]

It should contain only the "EMD/BG" and no terms and conditions and document(s). Bidder shall ensure that they submit the bid well before the "Due Date & Time of Bid-Submission" along with the un-priced bid.



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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.

3) BIDDER'S ELIGIBILITY CRITERIA:

3.1 Technical BEC:

1.1.1 The Bidder must have successfully executed at least one single work order/contract valuing not less than Rs 20 lacs towards testing and calibration of PSV/TSV in any industry in proceeding 07 years shall be reckoned from final due date of bid opening.

Note1: In case the bidder is executing a similar rate contract which is still running and contract value executed for above said works till one day prior to the due date of bid submission is equal to or more than Rs 20 lacs such experience will also be taken into consideration provided that the bidder has submitted satisfactory work executing certificate to this effect issued by end user/owner.

Note2: Experience acquired as a Sub-Contractor is not acceptable.

1.1.2 The following Documents to be submitted in support of Technical BEC.

- Copies of Work Order/Service orders/Contract clearly mentioning the scope of work, duly certified by Notary Public with legible stamp.
- Completion/Execution Certificate issued by client duly certified and attested by Notary Public with legible stamp. The completion certificate /Client certificate must clearly indicate full address of client and officer issuing certificate.

Original work/service orders and Client certificate should be available with the bidder for verification of the same, if so desired by BCPL.



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1.1.3 **Bids of Joint Venture/Consortium are not acceptable.**

The cut-off date for meeting the technical criteria of BEC of the tender shall be the due date for submission of bids.

Note to above Bidder's Eligibility Criteria:

- (i) *A job executed by a bidder for its own plant/projects cannot be considered as experience for the purpose of meeting the requirement of BEC of this tender. However, jobs executed for Subsidiary/Fellow subsidiary/Holding Company will be considered as experience for the purpose of meeting BEC subject to submission of tax paid invoice (s) duly certified by Statutory Auditor /Chartered Accountant of the bidder towards payments of statutory tax in support of the job executed for Subsidiary / Fellow subsidiary / Holding company. Such bidders to submit these documents in addition to the documents specified in the bidding document to meet BEC.*
- (ii) *BCPL may or may not seek any clarifications regarding documents against BEC after Technical bid opening, hence bidder must submit proper/relevant documents against BEC, and failing of which offer is liable for rejection.*

3.2 **Financial BEC: Not Applicable**

Note to BEC (for strict compliance):

- a) Bidders must furnish all relevant documents/information in support of their credentials to the above eligibility criteria along with the offer, failing which their offer shall be summarily rejected.
- b) Bidders not meeting any of the above-mentioned criteria shall be rejected without assigning any reason.

3.3 **BID EVALUATION METHODOLOGY**

The 'total quoted price in "Schedule of Rates [SOR]" of all the 'Techno-Commercially acceptable Bidder's shall be evaluated to arrive at the 'Lowest Offer. However, BCPL reserves the right to accept or reject any or all the bids without assigning any reason whatsoever.

Non-Compliance to above BEC shall hold the bid liable for rejection.

SUBMISSION OF ATTESTED COPIES OF CERTIFICATES / DOCUMENTARY EVIDENCES

- **Attested copies of all the relevant documents viz. Work Order/Service orders/Contract and other documents as mentioned in BEC.**
- **Attested copy (ies) of partnership deed (in case of partnership firm) and power of attorney.**
- **Attested copy of P. F. certificate.**



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-
- Attested copy of sales tax registration certificate
 - Attested copy of service tax registration certificate
 - Attested copy of PAN Card.
 - Affidavit (on non-judicial stamp paper) duly notarized, as per clause no. 38.2 of Special conditions of Contract Part-A.
 - Attested copies of all the relevant documents in support of SSI, MSE unit.

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

If a bidder furnishes foreign Work Order for compliance of BEC, date of Work Order shall be considered for exchange rate and the bidder shall provide the value in INR accordingly.

An undertaking (by the bidders who quotes by down loading 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.

4) EARNEST MONEY DEPOSIT / BID SECURITY:

Rs. **78,000/-**. For details refer point no. 6 of General Condition of Contract -**SECTION V** of tender

In case envelope containing Part-I (Un-priced bid / Techno-commercial Bid) does not contain the bid security / EMD as per tender condition the un-priced bid of such bidder shall be treated as non responsive & shall be rejected.

- However, PSUs & SSI are exempted from payment of EMD.

The Earnest Money Deposit (EMD) for the amount as mentioned above shall be submitted in the form of crossed Bank Demand Draft drawn on any Nationalized/Scheduled bank in favour of BCPL, payable at Dibrugarh (Assam). Alternatively, Earnest Money deposit may also be submitted through Bank Guarantee 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 the proforma attached with the Tender Document. However, other than the Nationalized Indian Banks, the banks whose BGs are furnished must be commercial banks 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 a letter head.

- Validity of EMD/BG shall be minimum 2 months beyond the validity of the offer. In event of non-availability of EMD in bid, such bids will not be considered/opened.
- The format of Bank Guarantee for earnest money should be as per 'Format-4' of Instruction to bidders – SECTION IIB.

5) PUBLIC PROCUREMENT POLICY (PPP), 2012



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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.

- c) If against an order placed by BCPL ,successful bidder(s)(other than Micro/Small Enterprise)is procuring material/services from their sub-vendor who is a Micro or Small Enterprise 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 with prior consent in writing of the purchasing authority/Engineer-in-charge, the details like Name, Registration No.,Address,Contact No. details of material & value of procurement made,etc.of such Enterprises shall be furnished by the successful bidder at the time of submission of invoice/Bill.
- d) Implementation of above provision is at the discretion of BCPL.

6) PRE-BID MEETING:

- a) The Bidder(s) or his official representatives are invited to attend a pre-bid meeting on date, time and



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venue specified above.

- b) The bidder is requested to submit their queries /clarifications in the **Format F7** of **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.

7) PERIOD OF CONTRACT

REFER SPECIAL CONDITION OF CONTRACT-PART-B of **SECTION III** of tender document.

8) VALIDITY PERIOD OF OFFER:

Refer clause no 15 of Instruction to Bidders (ITB) **SECTION IIA** of tender document.

9) VAT / CST No.: Please provide VAT/CST no.

10) GENERAL

- No extension in the bid due date/time shall be considered on account of delay in receipt of any document
- **Tender Fee:** NIL
Bidder may download the tender documents from GAIL's or BCPL's website. In that case bidder must furnish the tender fees in the form of DD along with the un-priced bid.
- 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.

11) TERMS OF PAYMENT:



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Please refer Clause No 6 of Special Condition of Contract (Part –B) of SECTION-III.

12) PRICE REDUCTION SCHEDULE: As per GCC.

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) JURISDICTION OF COURT:

The purchase order shall be governed by and constructed according to the laws in force in India. The Supplier hereby submits to the jurisdiction of the courts situated at Guwahati (Assam) for the purpose of disputes, actions and proceedings arising out of the contract, the courts at Guwahati (Assam) only will have the jurisdiction to hear and decide such disputes, actions and proceedings.

15) ARBITRATION:

All matters of difference what-so-ever which shall at any time arise between the parties hereto relating to execution of ORDER / CONTRACT or to the rights or liabilities or any claims thereof (other than those in respect of which the decision of any person is by the contract expressed to be final and binding) shall be resolved as per Arbitration and Reconciliation Act, 1996 and the venue of such arbitration shall be Guwahati, Assam.

16) FORCE MAJEURE:

Shall mean and be limited to the following:

- (a) War/Hostilities
- (b) Riot or Civil Commotion
- (c) Earthquake, flood, tempest, lightning or other natural physical disaster.
- (d) Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the order by the SELLER.

The SELLER shall advise OWNER by a registered letter duly certified by the local Chambers of Commerce or Statutory Authorities, the beginning and end of the above causes of delay within seven (7) days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting over one month, if arising out of causes of Force majeure, OWNER reserves the right to cancel the order and provisions governing termination shall apply. For delays arising out of Force majeure, the SELLER shall not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither OWNER nor SELLER shall be liable to pay extra costs provided it is mutually established that Force Majeure conditions did actually exist. SELLER shall categorically specify the extent of Force Majeure conditions prevalent in their works at the time of submitting their bid and whether the same have been taken into consideration or not in their quotations. In the event of any force majeure cause, the SELLER or the OWNER shall not be



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liable for delay in performing their obligations under this order and the delivery dates will be extended to the SELLER without being subject to price reduction for delayed deliveries, stated elsewhere.

17) REJECTION CRITERIA:

The following conditions/ clauses shall constitute REJECTION CRITERIA for this tender and the bid/offer of such bidders taking deviations to these criteria will be liable for rejection-

- i) Firm Price
- ii) EMD
- iii) Scope of work
- iv) Special Conditions of Contract
- v) Price Schedule
- vi) Period of Contract
- vii) Period of Validity of bid
- viii) Price Reduction Schedule/ Demurrages /Penalty
- ix) Performance Bank Guarantee / Security Deposit
- x) Force Majeure
- xi) Applicable Laws
- xii) Any other condition specifically mentioned in the tender documents elsewhere that non-compliance of the clause lead to rejection of the bid.

18) 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) RFQ Covering Letter
- ii) Instruction to Bidders
- iii) Special conditions of contracts (Part B)
- iv) Special conditions of contracts (Part A)
- v) General conditions of contracts

- 19) 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.



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Consignee Address:

Office of the Chief Manager (C&P)

Central Ware House Building

Brahmaputra Cracker and Polymer Limited,

PO: Lepetkata,

District – Dibrugarh, Assam, India PIN – 786006

Tel-0373-2914611/609

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

Yours faithfully,

For Brahmaputra Cracker and Polymer Limited,

(A Government of India Enterprise)

PRANJAL KR.PHUKAN

SR. MANAGER (Contracts & Procurement)

E-Mail: pranjalk.phukan@bcplindia.co.in

Ph no: 0373-2914609-635



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SECTION IB

CUT-OUT SLIP

(Quotation – Do Not Open)

Bid Document no.: BCPL/C&P/SER/CO16W134PP/00101

ITEM: TENDER DOCUMENT FOR “ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA”

Due Date & Time of bid submission: Up-to 14.30 hrs (IST) on **30/09/2016**

Date and time for opening of bids: 15.00 hrs (IST) on **30/09/2016**

From:

To:

	CONTRACT AND PROCUREMENT DEPARTMENT M/S. BRAHMAPUTRA CRACKER & POLYMER LIMITED (BCPL), LEPETKATA ADMINISTRATIVE BUILDING, BCPL-PROJECT SITE, P.O. LEPETKATA DIST: DIBRUGARH, PIN – 786006 ASSAM PH NO.:0373-2914609/635
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(To be pasted on the outer envelope containing envelopes Part –I, Part-II)



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	CONTRACT AND PROCUREMENT DEPARTMENT M/S. BRAHMAPUTRA CRACKER & POLYMER LIMITED (BCPL), LEPETKATA ADMINISTRATIVE BUILDING, BCPL-PROJECT SITE, P.O. LEPETKATA DIST: DIBRUGARH, PIN - 786006 ASSAM PH NO.:0373-2914609/635
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(To be pasted on the outer envelope containing envelopes Part -I, Part-II)



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SECTION-II

INSTRUCTION TO BIDDERS [ITB]

(TO BE READ IN CONJUNCTION WITH BIDDING DATA SHEET (BDS))



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SECTION-II



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INSTRUCTIONS TO BIDDERS [ITB] [TO BE READ IN CONJUNCTION WITH BIDDING DATA SHEET (BDS)] [A] – GENERAL

1 SCOPE OF BID

- 1.1 The Employer/ Owner/ BCPL as defined in the "General Conditions of Contract [GCC]", wishes to receive Bids as described in the Bidding Document/Tender document issued by Employer/Owner/BCPL.
- 1.2 SCOPE OF BID: The scope of Supply shall be as defined in the Bidding documents.
- 1.3 The successful bidder will be expected to complete the scope of Bid within the period stated in Special Conditions of Contract.
- 1.4 Throughout the Bidding Documents, the terms 'Bid', 'Tender' & 'Offer' and their derivatives [Bidder/Tenderer, Bid/Tender/Offer etc.] are synonymous. Further, 'Day' means 'Calendar Day' and 'Singular' also means 'Plural'.

2 ELIGIBLE BIDDERS

- 2.1 The Bidder shall not be under a declaration of ineligibility by Employer for Corrupt/Fraudulent/Collusive/Coercive practices, as defined in "Instructions to Bidders [ITB], Clause No. 39" (Action in case Corrupt/Fraudulent/Collusive/Coercive Practices).
- 2.2 The Bidder is not put on 'Holiday' by GAIL/BCPL or Public Sector Project Management Consultant (like EIL, Mecon only due to "poor performance" or "corrupt and fraudulent practices") or banned/blacklisted by Government department/ Public Sector on due date of submission of bid. Further, neither bidder nor their allied agency/(ies) (as defined in the Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices) are on banning list of GAIL/BCPL or the Ministry of Petroleum and Natural Gas.

If the bidding documents were issued inadvertently from website, offers submitted by such bidders shall not be considered for opening/ evaluation/Award and will be returned immediately to such bidders.



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In case there is any change in status of the declaration prior to award of contract, the same has to be promptly informed to BCPL by the bidder.

It shall be the sole responsibility of the bidder to inform BCPL in case the bidder is put on 'Holiday' by GAIL/BCPL or Public Sector Project Management Consultant (like EIL, Mecon. only due to "poor performance" or "corrupt and fraudulent practices") or banned/blacklisted by Government department/ Public Sector on due date of submission of bid and during the course of finalization of the tender. Concealment of the facts shall tantamount to misrepresentation of facts and shall lead to action against such Bidders as per clause 39 of ITB.

- 2.3 The Bidder should not be under any liquidation court receivership or similar proceedings on due date of submission of bid.

In case there is any change in status of the declaration prior to award of contract, the same has to be promptly informed to BCPL by the bidder.

It shall be the sole responsibility of the bidder to inform BCPL in case the bidder is under any liquidation, court receivership or similar proceedings on due date of submission of bid and during the course of finalization of the tender. Concealment of the facts shall tantamount to misrepresentation of facts and shall lead to action against such Bidders as per clause no 39 of ITB.

- 2.4 Bidder shall not be affiliated with a firm or entity:
- that has provided consulting services related to the Procurement to the Employer during the preparatory stages of the Procurement or of the project of which the Supply forms a part of or
 - that has been hired (proposed to be hired) by the Employer as an Engineer/ Consultant for the contract.
- 2.5 Neither the firm/entity appointed as the Project Management Consultant (PMC) for a contract nor its affiliates/ JV'S/ Subsidiaries shall be allowed to participate in the tendering process unless it is the sole Licensor/Licensor nominated agent/ vendor.
- 2.6 Pursuant to qualification criteria set forth in the bidding document, the Bidder shall furnish all necessary supporting documentary evidence to establish Bidder's claim of meeting qualification criteria.

SUB-VENDOR/CONTRACTOR: Regarding consideration of experience acquired by a bidder as a sub-contractor for meeting the experience criteria of BEC in tender: NOT ACCEPTABLE.

No firm can be a sub-Contractor while submitting a bid individually in the same bidding process.



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3 **BIDS FROM "JOINT VENTURE"/"CONSORTIUM"- [FOR APPLICABILITY OF THIS CLAUSE REFER BIDDING DATA SHEET (BDS)] – NOT APPLICABLE FOR THIS TENDER**

4 **ONE BID PER BIDDER**

4.1 A Firm/Bidder shall submit only 'one [01] Bid' in the same Bidding Process individually as a Bidder. A Bidder who submits or participates in more than 'one [01] Bid' will cause all the proposals in which the Bidder has participated to be disqualified.

4.2 Alternative Bids shall not be considered.

5 **COST OF BIDDING & TENDER FEE**

5.1 **COST OF BIDDING**

The Bidder shall bear all costs associated with the preparation and submission of the Bid including but not limited to Bank charges all courier charges including taxes & duties etc. incurred thereof. Further, BCPL will in no case, be responsible or liable for these costs, regardless of the outcome of the bidding process.

5.2 **TENDER FEE- NOT APPLICABLE FOR THIS TENDER**

6 **SITE VISIT- NOT APPLICABLE FOR THIS TENDER**

[B] – BIDDING DOCUMENTS

7 **CONTENTS OF BIDDING DOCUMENTS**

7.1 The contents of Bidding Documents / Tender Documents are those stated below, and should be read in conjunction with any 'Addendum / Corrigendum' issued in accordance with "ITB: Clause-9":

Section-I	:	Invitation for Bid [IFB]
Section-II	:	Instructions to Bidders [ITB] and Forms & Format Annexure
Section-III	:	General Conditions of Contract [GCC]
Section-IV	:	Technical Specification [TS]
Section-V	:	Schedule of Rate [SOR]

*Request for Quotation', wherever applicable, shall also form part of the Bidding Document.

7.2 The Bidder is expected to examine all instructions, forms, terms & conditions in the Bidding Documents. The "Request for Quotation [RFQ] & Invitation for Bid (IFB)" 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



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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.

8 CLARIFICATION OF BIDDING DOCUMENTS

- 8.1 A prospective Bidder requiring any clarification(s) of the Bidding Documents may notify BCPL in writing or by fax or email at BCPL's mailing address indicated in the BDS no later than 02 (two) days prior to pre-bid meeting (in cases where pre-bid meeting is scheduled) or 05 (five) days prior to the bid closing date in cases where pre-bid meeting is not held. BCPL reserves the right to ignore the bidders request for clarification if received after the aforesaid period. BCPL may respond in writing to the request for clarification. BCPL's response including an explanation of the query, but without identifying the source of the query will be communicated to prospective bidders by e-mail/ fax.
- 8.2 Any clarification or information required by the Bidder but same not received by the Employer at clause 8.1 (refer BDS for address) above is liable to be considered as "no clarification / information required".

9 AMENDMENT OF BIDDING DOCUMENTS

- 9.1 At any time prior to the 'Bid Due Date', Owner may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by addenda/ corrigendum.
- 9.2 Any addendum/ corrigendum thus issued shall be part of the Bidding Documents and communicated to prospective bidders by e-mail/ fax. Bidders have to take into account all such addendum/ corrigendum before submitting their bid.
- 9.3 The Employer, if consider necessary, may extend the date of submissions of Bid in order to allow the Bidders a reasonable time to furnish their most competitive bid taking into account the amendment issued thereof.

[C] – PREPARATION OF BIDS

10 LANGUAGE OF BID:

The bid prepared by the bidder and all correspondence/drawings and documents relating to the bid exchanged by the Bidder and BCPL shall be written in English language alone.

11. DOCUMENTS COMPRISING THE BID

- 11.1 Bids are invited under the Manual Two Bid system. The Bid prepared by the Bidder shall comprise the following components sealed in 2 different envelopes:
- 11.1.1 ENVELOPE-I: "TECHNO-COMMERCIAL / UN-PRICED BID" shall contain the following:



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- (a) 'Covering Letter' on Bidder's 'Letterhead' clearly specifying the enclosed contents.
 - (b) 'Bidder's General Information', as per 'Form F-1'.
 - (c) 'Bid Form', as per 'Form F-2'
 - (d) As a confirmation that the prices are quoted in requisite format complying with the requirements copy of Schedule of Rate (SOR) with prices blanked out mentioning quoted / not quoted (as applicable) written against each item.
 - (e) 'Letter of Authority' on the Letter Head, as per 'Form F-3'
 - (f) 'No Deviation Confirmation', as per 'Form F-4'
 - (g) 'Certificate for Non-Involvement of Government of India ' from Bidder, as per 'Form F-6'
 - (h) 'Agreed Terms and Conditions', as per 'Form F-8'
 - (i) 'ACKNOWLEDGEMENT CUM CONSENT LETTER', as per 'Form F-9'
 - (j) Undertaking on the Letter head, as per the Form F-12.
 - (k) Power of Attorney for authorized signatory in non-judicial stamp paper/copy of Board Resolution, the authorized signatory shall be signing the bid and any consequence resulting due to such signing shall be binding on the bidder.
 - (l) Any other information/details required as per Bidding Document
 - (m) All forms and Formats including Annexures.
 - (n) Tender Document duly signed/ digitally signed by the Authorized Signatory.
 - (o) Additional document specified in Bidding Data Sheet (BDS).

Note: All the pages of the Bid must be signed by the "Authorized Signatory" of the Bidder.

11.1.2 ENVELOPE-II: Price Bid

- i. The Prices are to be submitted strictly as per the Schedule of Rate of the bidding documents. BCPL shall not be responsible for any failure on the part of the bidder to follow the instructions.
- ii. 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.
- iii. If any unconditional rebate has been offered in the quoted rate the same shall be considered in arriving at evaluated price. However no cognizance shall be taken for any conditional discount for the purpose of evaluation of the bids.
- iv. In case, it is observed that any of the bidder(s) has/have offered suo-moto Discount/Rebate after opening of unpriced bid but before opening of price bids such discount /rebate(s) shall not be considered for evaluation. However, in the event of the bidder emerging as the lowest evaluated bidder without considering the discount/rebate(s), then such discount/rebate(s) offered by the bidder shall be considered for Award of Work and the same will be conclusive and binding on the bidder.
- v. In the event as a result of techno-commercial discussions or pursuant to seeking clarifications / confirmations from bidders, while evaluating the un-priced part of the bid, any of the bidders submits a sealed envelope stating that it contains revised prices; such bidder(s) will be requested to withdraw the revised prices failing which the bid will not be considered for further evaluation.



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- vi. In case any bidder does not quote for any item(s) of "Schedule of Rates" and the estimated price impact is more than 10% of the quoted price, then the bid will be rejected. If such price impact of unquoted items is 10% or less of his quoted price, then the unquoted item(s) shall be loaded highest of the price quoted by the other bidders. If such bidder happens to be lowest evaluated bidder, price of unquoted items shall be considered as included in the quoted bid price.

12 SCHEDULE OF RATES / BID PRICES

- 12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole works as described in Bidding Documents, based on the rates and prices submitted by the Bidder and accepted by the Employer. The prices quoted by the Bidders will be inclusive of all taxes & duties and freight/transportation charges.
- 12.2 Prices must be filled in format for "Schedule of Rates [SOR]" enclosed as part of Tender document. If quoted in separate typed sheets and any variation in item description, unit or quantity is noticed; the Bid is liable to be rejected.
- 12.3 Bidder shall quote for all the items of "SOR" 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 "SOR" but is required to complete the works as per Specifications, Scope of Work / Service, Standards, "GCC", "SCC" or any other part of Bidding Document, the prices quoted shall deemed to be inclusive of cost incurred for such activity.
- 12.4 All duties, taxes and other levies [if any] payable by the Bidder under the Contract, or for any other cause, shall be included in the rates / prices and the total bid-price submitted by the Bidder.
- 12.5 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. Any new taxes & Duties, if imposed by the State/ Govt. of India after the last date of bid submission but before the Contractual Delivery Date, shall be reimbursed to the contractor on submission of documentary evidence for proof of payment to State/ Govt. Authorities and after ascertaining it's applicability with respect to the contract.
- 12.6 The Bidder shall quote the prices in 'figures' & words. There should not be any discrepancy between the prices indicated in figures and the price indicated in words. In case of any discrepancy, the same shall be dealt as per clause no. 30 of ITB.

13 SERVICE TAX

- 13.1 Bidders are required to submit a notarized copy of the Service Tax Registration Certificate while submitting the bids wherever service tax is applicable
- 13.2 Quoted prices should be inclusive of all taxes and duties, except Service Tax and Swachh Bharat cess (non cenvatable). Please note that the responsibility of payment of Service Tax lies with the Service Provider only. Contractor providing taxable service shall issue an



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Invoice, a Bill or as the case may be, a Challan which is signed, serially numbered and in accordance with rule 4A of service tax rules, 1994. The invoice shall also contain the following:

- (a) Name, Address & Registration No. of such Person/Contractor
- (b) Name & Address of the Person/Contractor receiving Taxable Service
- (c) Description, Classification & Value of Taxable Service provided
- (d) Service Tax Amount, if any.

Payments to Service Provider for claiming Service Tax amount will be made provided the above formalities are fulfilled. Further, GAIL may seek copies of challan and certificate from Chartered Accountant for deposit of Service Tax collected from Owner.

- 13.3 In case CBEC (Central Board of Excise and Customs) brings to the notice of GAIL that the contractor has not remitted the amount towards service tax collected from GAIL to the government exchequer, then, that contractor shall be put under Holiday list of GAIL for period of six months as mentioned in Procedure for Evaluation of Performance of Vendors/ Suppliers/Contractors/ Consultants.
- 13.4 In case of statutory variation in Service Tax during currency of the Contract, the Contractor shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the date of submission of Bid and on the date of revision. Claim for payment of Service Tax / Statutory variation in Service Tax, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) Service Tax, otherwise claim in respect of above shall not be entertained for payment of arrears. The Bidder shall submit Service Tax Registration Certificate along with their Bid. The following may also be noted:-
- a) Any increase in the rate of non-cenvatable service tax beyond the contractual completion period shall be to contractor's account whereas any decrease in the rate of service tax shall be passed on to the Employer.
 - b) The base date for the purpose of applying statutory variation shall be the bid closing date.

13.5 SERVICE TAX IN CASE OF WORKS CONTRACT

- 13.5.1 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.
- 13.5.2 Wherever 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. Wherever Service Tax is to be paid on deemed service portion as per percentage prescribed, the bidder(s) shall indicate the percentage of the gross works contract value on which Service Tax is applicable.
- 13.5.3 Wherever the bidder opts for paying Service Tax on deemed service portion, the gross works contract value for 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, to be mentioned in the Bidding Documents



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- 13.5.4 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/GAIL as service recipient, if applicable, as per the reverse charge rule of service tax in Form F- 10 'Agreed terms & conditions'.
- 13.5.5 This is clearly stipulated that 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 on total value of works contract.
- 13.6 Where the GAIL is entitled to avail the cenvat credit of service tax:-
- 13.6.1 Owner/GAIL will reimburse the service tax to the Contractor at actuals against submission of cenvatable invoices issued in accordance with service tax Rules to enable Owner/GAIL to claim cenvat credit of service tax paid. In case of any variation in the executed quantities, the amount on which the Service Tax is applicable shall be modified in same proportion. Swachh Bharat cess (non cenvatable) shall be paid against documentary evidence.
- 13.6.2 The benefit of Cenvat credit of service tax quoted shall be considered for evaluation of bids.
- 13.7 Where the GAIL is not entitled to avail/take the cenvat credit of service tax:
- 13.7.1 Owner/GAIL will reimburse the service tax and Swachh Bharat cess (non cenvatable) to the Contractor at actuals against documentary evidence subject to the ceiling amount of Service Tax as quoted by the bidder, subject to any statutory variations. In case of any variation in the executed quantities (If directed and/or certified by the Engineer-In-Charge) the ceiling amount on which service tax is applicable will be modified on pro-rata basis
- 13.7.2 The bids will be evaluated based on total price including applicable service tax.
- 13.8 In case of non-corporate entities, bidder is required to pay certain portion of applicable service tax and remaining portion shall be deposited by GAIL directly as per service tax act. However in SOR, entire applicable rate/amount of service tax to be indicated by bidder.
- 13.9 Contractor shall ensure timely submission of correct invoice(s) with all required supporting document(s) within a period specified in Contracts/ LOA to enable GAIL to avail CENVAT credit. If CENVAT credit with respect to service tax is not available to GAIL for any reason which is not attributable to GAIL, then GAIL shall not be obligated or liable to pay or reimburse service tax charged in the invoice(s) and shall be entitled to / deduct/ setoff /recover the such service tax together with all penalties and interest if any, against any amounts paid or payable by GAIL to Contractor.
- 13.10 Where GAIL has the obligation to discharge service tax liability under reverse charge mechanism and GAIL has paid or is /liable to pay service tax to the Government on which interest or penalties becomes payable as per Point of Taxation Rules, 2011 for any reason which is not attributable to GAIL or CENVAT credit with respect to such payments is not available to GAIL for any reason which is not attributable to GAIL, then GAIL shall be entitled to deduct/ setoff / recover such amounts against any amounts paid or payable by GAIL to Contractor
- 13.11 Tax Deducted at Source [TDS]
- i) BCPL will release the payment to the bidder after effecting deductions (if any) as per applicable Government of India law in force.



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- ii) BCPL will release payments to the bidder after offsetting all dues payable to BCPL by the bidder under the Contract (detailed Order / letter of award).

13.12 **Income Tax**

'Income Tax' deductions shall be made from all payments to the bidder as per rules and regulations in force in accordance with the "Income Tax Act" prevailing from time to time. However, bidder shall be entitled to get the "TDS Certificate" for the amount so deducted in the format prescribed by the 'Income Tax Department'.

14 **BID CURRENCIES**

Bidders must submit bid in Indian Rupees only.

15 **BID VALIDITY**

- 15.1 Bids shall be kept valid for period specified in BDS 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 the Bidders to extend the 'Period of Bid Validity' for a specified additional period. The request and the responses thereto shall be made in writing or by fax/email. 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 "ITB: Clause-16" in all respects.

16 **EARNEST MONEY/BID SECURITY-**

In case envelope containing Part-I (Un-priced bid / Techno-commercial Bid) does not contain the bid security / EMD as per tender condition the un-priced bid of such bidder shall not be treated as non-responsive & shall be rejected.

However, PSUs & SSI are exempted from payment of EMD.

The Earnest Money Deposit (EMD) for the amount as mentioned above shall be submitted in the form of crossed Bank Demand Draft drawn on any Nationalized/Scheduled bank in favour of BCPL, payable at Dibrugarh (Assam). Alternatively, Earnest Money deposit may also be submitted through Bank Guarantee 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 the proforma attached with the Tender Document. However, other than the Nationalized Indian Banks, the banks whose BGs are furnished must be commercial banks 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 a letter head.

Validity of EMD/BG shall be minimum 2 months beyond the validity of the offer. In event of non-availability of EMD in bid, such bids may not be considered/opened.



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Firms registered with NSIC will be exempted from payment of Earnest money/Bid Bond provided they are registered for the items they intend to quote against BCPL tender. Small scale Industries units registered with the NSIC, under its single point

17 PRE-BID MEETING–

The Bidder(s) or his official representatives are invited to attend a pre-bid meeting on date, time and venue specified above.

The bidder is requested to submit their queries /clarifications in the Format F16 of SECTION II 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.

Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder.

If the Pre-bid date happens to be a Holiday/Sunday, the next working day will be considered for pre-bid meeting.

17.1 The Bidder(s) or his designated representative are invited to attend a "Pre-Bid Meeting" which will be held at address specified in IFB. It is expected that a bidder shall not depute more than 02 representatives for the meeting.

17.2 Purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

17.3 Text of the questions raised and the responses given, together with any responses prepared after the meeting will be communicated to vendors. Any modification of the Contents of Bidding Documents listed in "ITB: Clause-7.1", that may become necessary as a result of the Pre-Bid Meeting shall be made by the Employer exclusively through the issue of an Addendum / Corrigendum pursuant to "ITB: Clause-9", and not through the minutes of the Pre-Bid Meeting.

17.4 Non-attendance of the Pre-Bid Meeting will not be a cause for disqualification of Bidder.

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 (as per POA). The name and position held by each person signing, must be typed or printed below the signature. All pages of the Bid except for non-amended printed literature where entry(s) or amendment(s) 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 AND REJECTION CRITERIA



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- 19.1 ZERO DEVIATION: Deviation to terms and conditions of "Bidding Documents" may lead to rejection of bid. BCPL will accept bids based on terms & conditions of "Bidding Documents" only. Bidder may note BCPL will determine the substantial responsiveness of each bid to the Bidding Documents pursuant to provision contained in clause 29 of ITB. For purpose of this, a substantially responsive bid is one which conforms to all terms and conditions of the Bidding Documents without deviations or Reservations. BCPL's determination of a bid's responsiveness is based on the content of the bid itself without recourse to extrinsic evidence. BCPL reserves the right to raise technical and/or commercial query(s), if required, may be raised on the bidder(s). The response(s) to the same shall be in writing, and no change in the price(s) or substance of the bids shall be sought, offered or permitted. The substance of the bid includes but not limited to prices, completion, scope, technical specifications, etc. Bidders are requested to not to take any deviation/exception to the terms and conditions laid down in this "Tender Documents", and submit all requisite documents as mentioned in this "Tender Documents", failing which their offer will be liable for rejection. If a bidder does not reply to the queries in the permitted time frame then its bid shall be evaluated based on the documents available in the bid.
- 19.2 REJECTION CRITERIA: Notwithstanding the above, deviation to the following clauses of Tender document shall lead to summarily rejection of Bid:
- (a) Firm Price
 - (b) Earnest Money Deposit / Bid Security
 - (c) Specifications & Scope of Work
 - (d) Schedule of Rates / Price Schedule / Price Basis
 - (e) Duration / Period of Contract/ Delivery Schedule
 - (f) Period of Validity of Bid
 - (g) Price Reduction Schedule
 - (h) Contract Performance Bank Guarantee / Security Deposit
 - (i) Guarantee / Defect Liability Period
 - (j) Arbitration / Resolution of Dispute/Jurisdiction of Court
 - (k) Force Majeure & Applicable Laws
 - (l) Any other condition specifically mentioned in the tender document elsewhere that non-compliance of the clause lead to rejection of bid

Note: Further, it is once again reminded not to mention any condition in the Bid which is contradictory to the terms and conditions of Tender document.

20 E-PAYMENT

BCPL has initiated payments to Suppliers and Contractors electronically, and to facilitate the payments electronically through 'e-banking'. The successful bidder should give the details of his bank account as per the bank mandate form.

[D] – SUBMISSION OF BIDS



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21 SUBMISSION, SEALING AND MARKING OF BIDS

21.1 In case of manual tendering bid must be submitted in sealed envelope. If the envelope is not sealed & marked as per Clause No. 11 of ITB, the employer will assume no responsibility for misplacement or pre-mature opening of the bid.

21.3 All the bids shall be addressed to the owner at address specified in IFB.

21.4 Bids submitted under the name of AGENT / CONSULTANT / REPRESENTATIVE / RETAINER / ASSOCIATE etc. on behalf of a bidder/affiliate shall not be accepted.

22 DEADLINE FOR SUBMISSION OF BIDS

22.1 BCPL may, in exceptional circumstances and at its discretion, extend the deadline for submission of Bids (clause 9 of ITB refers). 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. Notice for extension of bid submission date will be uploaded on GAIL's/BCPL's website/ communicated to the bidders.

23 LATE BIDS

23.1 Any bids received after the notified date and time of closing of tenders will be treated as late bids.

23.2 In the instant manual tendering, bids received by BCPL after the deadline for submission of bids shall not be considered. Such late bids shall be returned to the bidder within "10 days" in 'unopened conditions'. The bid bond of such bidders shall be returned along with the un-opened bid.

23.3 Unsolicited Bids or Bids received to address other than one specifically stipulated in the tender document will not be considered for evaluation/opening/award if not received to the specified destination within stipulated date & time.

24 MODIFICATION AND WITHDRAWAL OF BIDS

24.1 Modification and withdrawal of bids shall be as follows:-

24.1.1 FOR MANUAL BIDDING

The bidder may withdraw or modify its bid after bid submission but before the due date for submission as per tender document provided that the written notice of the modification/ substitution/ withdrawal is received by BCPL prior to the deadline for submission of bid.

24.2 The modification shall also be prepared, sealed, marked and dispatched in accordance with the provision of the clause 22 of ITB, with the outer and inner envelopes additionally marked modification or withdrawal as appropriate. A withdrawal notice may also be sent by e-mail or fax but followed by a signed confirmation copy post not later than the



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

- 24.3 No bid shall be allowed to be withdrawn/ modified/substitute 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/Modification/Substitution of a bid during this interval shall result in the bidder's forfeiture of his bid security pursuant to clause 16 of ITB and rejection of bid.
- 24.4 The latest bid hence submitted shall be considered for evaluation and all other bids shall be considered to be unconditionally withdrawn.
- 24.5 In case after price bid opening the lowest evaluated bidder (L1) is not awarded the job for any mistake committed by him in bidding or withdrawal of bid or modification of bid or varying any term in regard thereof leading to re-tendering, BCPL shall forfeit EMD paid by the bidder and such bidders shall be debarred from participation in re-tendering of the same job(s)/item(s). Further, such bidder will be put on holiday for a period of six months after following the due procedure.
- 25 EMPLOYER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

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. However, Bidder if so desire may seek the reason (in writing) for rejection of their Bid to which BCPL shall respond quickly.

[E] – BID OPENING AND EVALUATION

26 BID OPENING

26.1 Un-priced Bid Opening:

BCPL will open bids, in the presence of bidders' designated representatives who choose to attend, at date, time and location stipulated in the BDS. 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 bid opening. The bidders' representatives, who are present shall sign a register evidencing their attendance and may be required to be present on a short notice.

26.2.2 The price bids of those bidders who were not found to be techno-commercially responsive shall be unopened and returned unopened after opening of the price bids of techno-commercially responsive bidders.



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26.3 In case of bids invited under the single bid system, bid shall be opened on the specified due date & time.

27 CONFIDENTIALITY

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 not 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 and action shall be initiated as per procedure in this regard.

28 CONTACTING THE EMPLOYER

28.1 From the time of Bid opening to the time of award of Contract, if any Bidder wishes to contact the Employer on any matter related to the Bid, it should do so in writing. Information relating to the examination, clarification, evaluation & recommendation for award shall not be disclosed.

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 and action shall be initiated as per procedure in this regard.

29 EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS

29.1 The owner's determination of a bid's responsiveness is based on the content of the bid only. Prior to the detailed evaluation of Bids, the Employer will determine whether each Bid:-

- (a) Meets the "Bid Evaluation Criteria" of the Bidding Documents;
- (b) Has been properly signed;
- (c) Is accompanied by the required 'Earnest Money / Bid Security';
- (d) Is substantially responsive to the requirements of the Bidding Documents; and
- (e) Provides any clarification and/or substantiation that the Employer may require to determine responsiveness pursuant to "ITB: 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 or omissions for this purpose employer defines the foregoing terms below:-

- a) "Deviation" is departure from the requirement specified in the tender documents.
- b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirement in the tender documents.
- c) "Omission" is the failure to submit part or all of the information or documentation required in the tender document.

29.3 A material deviation, reservation or omission is one that,



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- a) If accepted would,
 - i) Affect in any substantial way the scope, quality, or performance of the job as specified in tender documents.
 - ii) Limit, in any substantial way, inconsistent with the Tender Document, the Employer's rights or the tenderer's obligations under the proposed Contract.
 - b) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

29.4 The employer shall examine all aspects of the bid to confirm that all requirements have been met without any material deviation, reservation or omission.

29.5 If a Bid is not substantially responsive, it may be rejected by the Employer and may not subsequently be made responsive by correction or withdrawal of the material deviation, reservation or omission.

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:

- (i) 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.
- (ii) 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.
- (iii) 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 The amount stated in the bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors. 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. All bids submitted must be in the currency specified at clause 14 of ITB.

32 EVALUATION AND COMPARISON OF BIDS

Bids shall be evaluated as per evaluation criteria mentioned in Section-II of bidding documents (refer clause 7.0 of ITB) after considering the effect of cenvat credit entitled. The employer shall only use the criteria and methodology indicated in Section-II of bidding documents. No other criteria/ methodology shall be permitted.



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33 COMPENSATION FOR EXTENDED STAY (FOR APPLICABILITY OF THIS CLAUSE REFER BDS):-NOT APPLICABLE FOR THIS TENDER

34 PURCHASE PREFERENCE

Purchase preference to Central government public sector Undertaking and Micro and Small Enterprises (MSEs) shall be allowed as per Government instructions in vogue.

[F] – AWARD OF CONTRACT

35 AWARD

Subject to "ITB: 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 provided that bidder, is determined to be qualified to satisfactorily perform the Contract.

36 NOTIFICATION OF AWARD / FAX OF ACCEPTANCE/LETTER OF INTENT

36.1 Prior to the expiry of 'Period of Bid Validity', BCPL will notify the successful Bidder in writing, in the form of "Notification of Award" / "Fax of Intent [FOI]" / "Letter of Intent" through fax/e-mail, that his Bid has been accepted. The notification of award / Fax of Intent/Fax of Acceptance will constitute the formation of the Contract.

36.2 Contract period shall commence from the date of "Notification of Award" or as mentioned in the Notification of Award/Fax of Intent [FOI]/Letter of Intent. The "Notification of Award"/"Fax of Intent [FOI]" / "Letter of Intent" will constitute the formation of a Contract, until the Contract has been effected pursuant to signing of Contract as per "ITB: Clause-37".

Upon the successful Bidder's / Contractor's furnishing of 'Contract Performance Security / Security Deposit', pursuant to "ITB: Clause-38", BCPL will promptly discharge his 'Earnest Money / Bid Security', pursuant to "ITB: Clause-16"

37 SIGNING OF AGREEMENT

37.1 BCPL will award the Contract to the successful Bidder, who, within 'fifteen [15] days' of receipt of the same, shall sign and return the acknowledged copy to BCPL.

37.2 The successful Bidder/Contractor shall be required to execute an 'Agreement' in the proforma given in this Bidding Document on a 'non-judicial stamp paper' of appropriate value [cost of the 'stamp-paper' shall be borne by the successful Bidder/Contractor] and of 'state' specified in Bidding Data Sheet (BDS) only, within 'fifteen [15] days' of receipt of the "Letter of Acceptance [LOA]" of the Tender by the successful Bidder/Contractor failure on the part of the successful Bidder to sign the 'Agreement' within the above



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stipulated period, shall constitute sufficient grounds for forfeiture of EMD/Security Deposit.

38 CONTRACT PERFORMANCE SECURITY / SECURITY DEPOSIT

38.1 Within 30 days of the receipt of the notification of award/ Fax of Acceptance from BCPL, the successful bidder shall furnish the Contract Performance Security/Guarantee in accordance with General Conditions of the Contract/as stipulated in Section-II of tender document. The Contract Performance Security/Guarantee shall be in the form of either Banker's Cheque or Demand Draft or Bank Guarantee or Letter of Credit and shall be in the currency of the Contract.

38.2 The contract performance security shall be for an amount equal to specified in Bidding Data Sheet (BDS)/as stipulated in Section-II of tender document towards faithful performance of the contractual obligations and performance of equipment. For the purpose of Contract Performance Security, Contract/order value shall be exclusive of taxes and duties.

Bank Guarantee towards performance security/ security deposit 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 as well as foreign bidder. However, in case of bank guarantees from banks other than the Nationalized Indian banks, the bank must be a 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. This bank guarantee shall be valid for a period of three months beyond the delivery schedule as specified in Bid Data Sheet (BDS).

38.3 Failure of the successful bidder to comply with the requirements of this article shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.

38.4 The CPBG/Security deposit has to cover the entire contract value including extra works/services also. As long as the CPBG/Security deposit submitted at the time of award take cares the extra works/ services executed and total executed value are within the awarded contract price, there is no need for additional security deposit/ Contract Performance Security. As soon as the total executed value is likely to burst the ceiling of awarded contract price, the contractor should furnish additional security deposit/ CPBG.

39 PROCEDURE FOR ACTION IN CASE CORRUPT/ FRAUDULENT/COLLUSIVE/ COERCIVE PRACTICES

39.1 Procedure for action in case Corrupt/ Fraudulent/Collusive/Coercive Practices is enclosed at Annexure-I.

39.2 The Fraud Prevention Policy document is available on GAIL's/BCPL's website (www.gailonline.com / www.bcplonline.co.in)



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39.3 NON-APPLICABILITY OF ARBITRATION CLAUSE IN CASE OF BANNING OF VENDORS/ SUPPLIERS / CONTRACTORS/BIDDERS/ CONSULTANTS INDULGED IN FRAUDULENT/ COERCIVE PRACTICES

Notwithstanding anything contained contrary in GCC and other "CONTRACT DOCUMENTS", in case it is found that the Vendors/ Suppliers / Contractors/Bidders/ Consultants indulged in fraudulent/ coercive practices at the time of bidding, during execution of the contract etc., and/or on other grounds as mentioned in GAIL's/BCPL's "Procedure for action in case Corrupt/Fraudulent/Collusive/Coercive Practices" (Annexure-I), the contractor/bidder shall be banned (in terms of aforesaid procedure) from the date of issuance of such order by Brahmaputra Cracker and Polymer Ltd., to such Vendors/ Suppliers / Contractors/Bidders/ Consultants.

The Vendor/ Supplier / Contractor/ Bidder/Consultant understands and agrees that in such cases where Vendor/ Supplier / Contractor/ Bidder/Consultant has been banned (in terms of aforesaid procedure) from the date of issuance of such order by Brahmaputra Cracker and Polymer Ltd, such decision of Brahmaputra Cracker and Polymer Ltd shall be final and binding on such Vendor/ Supplier / Contractor/ Bidder/Consultant and the 'Arbitration clause' in the GCC and other "CONTRACT DOCUMENTS" shall not be applicable for any consequential issue /dispute arising in the matter.

40 PUBLIC PROCUREMENT POLICY FOR MICRO AND SMALL ENTERPRISES

40.1 Following provision has been incorporated in tender for MSEs, in line with notification of Government of India, vide Gazette of India No. 503 dated 26.03.2012 proclaiming the Public Procurement Policy on procurement of goods and services from Micro and Small Enterprises (MSEs)

Issue of tender document to MSEs free of cost.

Exemption to MSEs from payment of EMD/Bid Security.

In Tender participating Micro and Small Enterprises quoting price within the price band of $L1 + 15\%$ shall also be allowed to supply a portion of requirement by bringing down their prices to L1 price in a situation where L1 price is from someone other than a micro and small enterprise and such micro and small enterprises shall be allowed to supply up-to 20% of the 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% shall be from MSEs owned by SC/ST entrepreneurs. This quota is to be transferred to other MSEs in case of non-availability of MSEs owned by SC/ST entrepreneurs.

The quoted prices against various items shall remain valid in case of splitting of quantities of the items above.

In case tendered item is non-splittable or non- dividable (specified in Bid Data Sheet) , MSE quoting price within price band $L1$ (other than MSE) + 15% , may be awarded for full/ complete supply of total tendered value subject to matching of $L1$ price.

The MSEs owned by SC/ST entrepreneurs shall mean:-



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In case of proprietary MSE, Proprietor(s) shall be SC/ST.

In case of partnership MSE, the SC/ST partners shall be holding at least 51% share in the unit

In case of private Limited Companies, at least 51% share is held by SC/ST. If the MSE is owned by SC/ST entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regard.

In case bidder is a Micro or Small Enterprise under the 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 National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises or Udyog Aadhaar Memorandum.
- b) If the MSE is owned by SC/ST Entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regard.

The above documents submitted by the bidder shall be duly certified by the Chartered Accountant (not being an employee or a Director or not having any interest in the bidder's company/firm) and notary public with legible stamp.

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.

- 40.4 If against an order placed by BCPL, successful bidder(s) (other than Micro/Small Enterprise) is procuring material/services from their sub-vendor who is a Micro or Small Enterprise 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 with prior consent in writing of the purchasing authority/Engineer-in-charge, the details like Name, Registration No., Address, Contact No. details of material & value of procurement made, etc. of such Enterprises shall be furnished by the successful bidder at the time of submission of invoice/Bill.

41 AHR ITEMS- NOT APPLICABLE FOR THIS TENDER

42 VENDOR PERFORMANCE EVALUATION

Shall be as stipulated Annexure II to ITB herewith.

43 INCOME TAX & CORPORATE TAX

- 43.1 Income tax deduction shall be made from all payments made to the contractor as per the rules and regulations in force and in accordance with the Income Tax Act prevailing from time to time.



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43.2 Corporate Tax liability, if any, shall be to the contractor's account.

43.3 Work Contract tax/VAT as may be applicable shall be deducted as per trade tax.

43.4 MENTIONING OF PAN NO. IN INVOICE/BILL

As per CBDT Notification No. 95/2015 dated 30.12.2015, mentioning of PAN no. is mandatory for procurement of goods / services/works/consultancy services exceeding Rs. 2 Lacs per transaction.

Accordingly, supplier/ contractor/ service provider/ consultant should mention their PAN no. in their invoice/ bill for any transaction exceeding Rs. 2 lakhs. As provided in the notification, in case supplier/ contractor/ service provider/ consultant do not have PAN no., they have to submit declaration in Form 60 along with invoice/ bill for each transaction.

Payment of supplier/ contractor / service provider/ consultant shall be processed only after fulfilment of above requirement

44. SETTLEMENT OF DISPUTES BETWEEN GOVERNMENT DEPARTMENT AND ANOTHER AND ONE GOVERNMENT DEPARTMENT AND PUBLIC ENTERPRISE AND ONE PUBLIC ENTERPRISE AND ANOTHER

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitrator under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

45. DISPUTE RESOLUTION (ADDENDUM TO PROVISION REGARDING APPLICABLE LAWS AND SETTLEMENT OF DISPUTES OF GCC)

45.1 Brahmputra Cracker and Polymer Limited has framed the Conciliation Rules 2010 in conformity with supplementary to Part – III of the Indian Arbitration and Conciliation Act 1996 for speedier, cost effective and [amicable settlement](#) of disputes through conciliation. A copy of the said rules made available on GAIL's web site/BCPL's website: www.gailonline.com/ www.bcplonline.com for reference. Unless otherwise specified, the matters where decision of the Engineer-in-Charge is deemed to be final and binding as provided in the Agreement and the issues/disputes which cannot be mutually resolved



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within a reasonable time, all disputes shall be settled in accordance with the Conciliation Rules 2010.

- 45.2 Any dispute(s)/difference(s)/issue(s) of any kind whatsoever between/amongst the Parties arising under/out of/in connection with this contract shall be settled in accordance with the aforesaid rules.
- 45.3 In case of any dispute(s)/difference(s)/issue(s), a Party shall notify the other Party (ies) in writing about such a dispute(s) / difference(s) / issue(s) between / amongst the Parties and that such a Party wishes to refer the dispute(s)/difference(s)/issue(s) to Conciliation. Such Invitation for Conciliation shall contain sufficient information as to the dispute(s)/difference(s)/issue(s) to enable the other Party (ies) to be fully informed as to the nature of the dispute(s)/difference(s)/issue(s), the amount of monetary claim, if any, and apparent cause(s) of action.
- 45.4 Conciliation proceedings commence when the other Party (ies) accept(s) the invitation to conciliate and confirmed in writing. If the other Party (ies) reject(s) the invitation, there will be no conciliation proceedings.
- 45.5 If the Party initiating conciliation does not receive a reply within thirty days from the date on which he/she sends the invitation, or within such other period of time as specified in the invitation, he/she may elect to treat this as a rejection of the invitation to conciliate. If he/she so elects, he/she shall inform the other Party (ies) accordingly.
- 45.6 Where Invitation for Conciliation has been furnished, the Parties shall attempt to settle such dispute(s) amicably under Part-III of the Indian Arbitration and Conciliation Act, 1996 and Brahmputra Cracker and Polymer Limited Conciliation Rules, 2010. It would be only after exhausting the option of Conciliation as an Alternate Dispute

Resolution Mechanism that the Parties hereto shall go for Arbitration. For the purpose of this clause, the option of 'Conciliation' shall be deemed to have been exhausted, even in case of rejection of 'Conciliation' by any of the Parties.

- 45.7 The cost of Conciliation proceedings including but not limited to fees for Conciliator(s), Airfare, Local Transport, Accommodation, cost towards conference facility etc. shall be borne by the Parties equally.
- 45.8 The Parties shall freeze claim(s) of interest, if any, and shall not claim the same during the pendency of Conciliation proceedings. The Settlement Agreement, as and when reached/agreed upon, shall be signed between the Parties and Conciliation proceedings shall stand terminated on the date of the Settlement Agreement.

46 BILLING SYSTEM

ORIGINAL Bills/Invoices to be forwarded in sealed envelope for release of payment in time and following should be clearly mentioned on "top left corner of the envelope" with "address" as under:



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Brahmaputra Cracker and Polymer Ltd.

(A Government of India Enterprise)

Top left corner of the envelope

Vendor Code: _____

LOA/PO No.: _____ Date _____

Bill/ Invoice No.: _____ Date _____

Invoice Value: Rs. _____ Indenting Dept. _____ Job/Supply of _____

Address: _____

To,

In case of LOA/Contract	In case of PO
HOD/EIC (Indenting/User Department) M/s Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), Administrative Building, PO: Lepatkata, Distt.: Diburgarh, Assam, Pin Code:786006, Phone No. 0373 2914636.	HOD (C&P) M/s Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), Administrative Building, PO: Lepatkata, Distt.: Diburgarh, Assam, Pin Code:786006, Phone No. 0373 2914636.

47 TRANSPARENCY

Bidders if so desires, may seek in writing the reason for rejection of their bid, to which BCPL shall respond quickly.

48 SALE OF BID DOCUMENTS

Tender document will be sold on receipt of application. No tender document will, however, be sold / issued to the bidders who are on 'Holiday' by GAIL/BCPL or Public Sector Project Management Consultant (like EIL, Mecon etc. only due to "poor performance" or "corrupt and fraudulent practices") or banned by Government department/ Public Sector on due date of submission of bid. If the document were issued inadvertently/ downloaded from website, offers submitted by such bidder shall not be considered for opening / evaluation / award and will be returned immediately to such bidder. The above is without prejudice to the other rights of BCPL.

SUBLETTING & ASSIGNMENT

- 49.1 The contractor shall not, save with previous consent in writing of the Engineer-in-charge, sublet, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner whatsoever. Provided, nevertheless, that any such consent shall not relieve the contractor from any obligation, duty or responsibility under the contract.



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However, Subletting of WHOLE WORKS is prohibited. An undertaking to this effect will be given by Vendor/Contractor along with each invoice/ bill. In addition to above, clause no. 37.0 of GCC also to be referred.

Direct Payments to Sub-Vendors / Supporting Agencies of Main Contractor

Normally, the payment is to be made to vendor/contractor only as per provision of contract. During execution, in case of financial constraints, BCPL may make direct payment to their sub-vendor / supporting agencies as an exception from the amounts due to the vendors/contractors from any of their bills under process upon certification by EIC subject to receipt of such request from the vendor/contractor. Further, the request for direct payments to the sub-vendor / sub-contractor shall be considered in performance evaluation of such vendor/ contractor.

51. Wherever any portion of the "GCC" is repugnant to or at variance with any provision(s) of the "SCC", unless a different intention appears, the provision(s) of the "SCC" shall be deemed to override the provision(s) of "GCC", and shall to the extent of such repugnancy or variations prevail.
52. Wherever there is contradiction with respect to terms of 'Integrity pact', GCC and 'Procedure for action in case of Corrupt/Fraudulent/ Collusive/Coercive Practice', the provisions of 'Procedure for action in case of Corrupt/Fraudulent/Collusive/Coercive Practice' shall prevail.

.....



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SECTION-IIB

FORMS AND FORMATS



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LIST OF FORMS & FORMAT

Form No.	Description
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F-2	BID FORM
F-3	LETTER OF AUTHORITY
F-4	NO DEVIATION CONFIRMATION
F-5	DECLARATION REGARDING HOLIDAY/BANNING AND LIQUIDATION, COURT RECEIVERSHIP ETC.
F-6	CERTIFICATE FOR NON-INVOLVMENT OF GOVT. OF INDIA
F-7	E-BANKING FORMAT
F-8	BIDDER'S QUERIES FOR PRE BID MEETING
F-9	PRESENT COMMITMENTS OF THE BIDDER
F-10	PROFORMA OF "BANK GUARANTEE" FOR "CONTRACT PERFORMANCE SECURITY / SECURITY DEPOSIT"
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ब्रह्मपुत्र क्रेकर और पालीमेर लिमिटेड

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Brahmaputra Cracker and Polymer Ltd.

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F-1

BIDDER'S GENERAL INFORMATION

To,
M/s. BRAHMAPUTRA CRACKER AND POLYMER LIMITED

TENDER NO: BCPL/C&P/SER/CO16W134PP/00101

**SUB: ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES
INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA”**

1	Bidder Name (With Contact Person Name & Details)	
2	Status of Firm	Proprietorship Firm/Partnership firm/ Limited/Others If Others Specify: _____ [Enclose certificate of Registration]
3	Name of Proprietor/Partners/Directors of the firm/company	
4	Number of Years in Operation	
5	Address of Registered Office: *In case of Partnership firm, enclose letter mentioning current address of the firm and the full names and current addresses of all the partners of the firm.	City: District: State: PIN/ZIP:
6	Operation Address (if different from above)	City: District: State: PIN/ZIP:
8	Telephone Number [Mobile & Landline]	_____ (Country Code) (Area Code) (Telephone No.)



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9	E-mail address	
10	Website	
11	Fax Number:	_____ (Country Code) (Area Code) (Telephone No.)
12	ISO Certification, if any	{If yes, please furnish details}
13	Bid Currency	
14	Banker's Name	
15	Branch	
17	Bank account number	
18	PAN No.	[Enclose copy of PAN Card]
19	We (Bidder) are cover under the definition of section 2 (n) of the MSMED Act	Yes / No <i>(If the response to the above is 'Yes', Bidder to provide Purchaser a copy of the Entrepreneurs Memorandum (EM) filled with the authority specified by the respective State Government.)</i>
20	Whether Micro/Small Enterprise	(Bidder to submit documents as specified it ITB)
21	Type of Entity	Corporate/ Non-Corporate (As per Service tax Act). (In case of Non-Corporate Entity, bidder will submit documentary evidence for same).

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



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BID FORM

To,
M/s. BRAHMAPUTRA CRACKER AND POLYMER LIMITED

TENDER NO: BCPL/C&P/SER/CO16W134PP/00101

**SUB: ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES
INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA**

Dear Sir,

After examining / reviewing the Bidding Documents for the tender of
“_____” including
"Specifications & Scope of Work", "General Conditions of Contract [GCC]", "Special Conditions
of Contract [SCC]" and "Schedule of Rates [SOR]", etc. the receipt of which is hereby duly
acknowledged, we, the undersigned, are pleased to offer to execute the whole part of the job and
in conformity with the said Bid Documents, including Addenda / Corrigenda Nos. _____.

We confirm that this Bid is valid for a period of "three [03] months" from the date of opening of
"Techno-Commercial / Un-priced Bid", and it shall remain binding upon us and may be accepted
by any time before the expiry of that period.

If our Bid is accepted, we will provide the "Contract Performance Security / Security Deposit" as
specified in Section-II of tender document.

Until a final Agreement/Letter of Award is prepared and executed, the tender document (including
addenda/ corrigenda) together with the "Notification of Award" shall constitute a binding
Agreement between us.

We understand that Bidding Document is not exhaustive and any action and activity not
mentioned in Bidding Documents but may be inferred to be included to meet the intend of the
Bidding Documents shall be deemed to be mentioned in Bidding Documents unless otherwise
specifically excluded and we confirm to perform for fulfillment 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.

Place: [Signature of Authorized Signatory of Bidder]

Date: Name:

Designation:

Seal:

Duly authorized to sign Bid for and on behalf of _____



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[Signature of Witness]

Name of Witness:

Address:

LETTER OF AUTHORITY

F3

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

Ref: No.

Date:

To,
Brahmaputra Cracker & Polymer Ltd.
"Central Warehouse 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.



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NO DEVIATION" CONFIRMATION

F4

To,
M/s. BRAHMAPUTRA CRACKER AND POLYMER LIMITED

TENDER NO: BCPL/C&P/SER/CO16W134PP/00101

**SUB: ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES
INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA**

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 'exception / deviation' anywhere in the Bid and we agree that if any 'deviation / exception' is mentioned or noticed, our Bid may be rejected.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



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DECLARATION REGARDING HOLIDAY/BANNING AND LIQUIDATION, COURT RECEIVERSHIP

To,

F5

M/s. BRAHMAPUTRA CRACKER AND POLYMER LIMITED

TENDER NO: BCPL/C&P/SER/CO16W134PP/00101

**SUB: ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES
INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA**

Dear Sir,

We hereby confirm that we are not on 'Holiday' by GAIL/BCPL or Public Sector Project Management Consultant (like EIL, Mecon only due to "poor performance" or "corrupt and fraudulent practices") or banned by Government department/ Public Sector on due date of submission of bid.

Further, we confirm that neither we nor our allied agency/(ies) (as defined in the Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices) are on banning list of BCPL/GAIL or the Ministry of Petroleum and Natural Gas.

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

In case it comes to the notice of BCPL that the bidder has given wrong declaration in this regard, the same shall be dealt as 'fraudulent practices' and action shall be initiated as per the Procedure for action in case of Corrupt/Fraudulent/Collusive/Coercive Practices.

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

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



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CERTIFICATE FOR NON-INVOLVMENT OF GOVT. OF INDIA

F6

To,

M/s. BRAHMAPUTRA CRACKER AND POLYMER LIMITED

TENDER NO: BCPL/C&P/SER/CO16W134PP/00101

**SUB: ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES
INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA**

If we become a successful Bidder and pursuant to the provisions of the Bidding Documents, award is given to us for the tender for



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“_____”, the following Certificate shall be automatically enforceable:

"We agree and acknowledge that the Employer is entering into the Agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood & agreed that the Government of India is not a party to the Agreement and has no liabilities, obligations or rights there under. It is expressly understood and agreed that the Employer is authorized to enter into Agreement, solely on its own behalf under the applicable laws of India. We expressly agree, acknowledge and understand that the Employer is not an agent, representative or delegate of the Government of India. It is further understood and agreed that the Government of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the Agreement. Accordingly, we hereby expressly waive, release and forego any and all actions or claims, including cross claims, VIP claims or counter claims against the Government of India arising out of the Agreement and covenants not to sue to Government of India as to any manner, claim, cause of action or things whatsoever arising of or under the Agreement."

Place:
Date:

[Signature of Authorized Signatory of Bidder]
Name:
Designation:
Seal:

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E-Banking Mandate Form

(To be issued on vendors letter head)

1. Vendor/customer Name :
2. Vendor/customer Code:
3. Vendor /customer Address:



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4. Vendor/customer e-mail id:

5. Particulars of bank account

- a) Name of Bank
- b) Name of branch
- c) Branch code:
- d) Address:
- e) Telephone number:
- f) Type of account (current/saving etc.)
- g) Account Number:
- h) RTGS IFSC code of the bank branch
- i) NEFT IFSC code of the bank branch
- j) 9 digit MICR code

I/We hereby authorize Brahmaputra Cracker and Polymer Limited to release any amount due to me/us in the bank account as mentioned above. I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or lost because of incomplete or incorrect information, we would not hold the Brahmaputra Cracker and Polymer Limited responsible.

(Signature of vendor/customer)

BANK CERTIFICATE

We certify that ----- has an Account no. ----- with us and we confirm that the details given above are correct as per our records.

Bank stamp

Date:
bank)

(Signature of authorized officer of



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BIDDER'S QUERIES FOR PRE BID MEETING

To,
Chief Manager (C&P)
Brahmaputra Cracker and Polymer Limited
Lepetkata, Dibrugarh, Assam (India)
Phone: +91 373 291461

SL. NO	REFERENCE OF BIDDING DOCUMENT				BIDDER'S QUERY	BCPL'S REPLY
	SEC. NO.	Page	Clause No.	Subject		

NOTE: The Queries may be sent by e-mail to pranjalk.phukan@bcplindia.co.in before due date for receipt of Bidder's queries.

SIGNATURE OF BIDDER: _____ NAME OF BIDDER : _____



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PRESENT COMMITMENTS OF THE BIDDER

Full Postal Address and phone nos of Client & Name of Officer-in-Charge	Description of the Work	Date of Commencement of Work	Scheduled Compo. Period	%Age Completion as on Date	Expected Date of Completion	Remarks

Note: This list must be a full list of all type of works in hand.

SEAL AND SIGNATURE OF BIDDER



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F-10

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

To:

Brahmaputra Cracker & Polymer Ltd.

"Main Fire Station 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.



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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.



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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:

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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. Manager (C&P)

BRAHMAPUTRA CRACKER & POLYMER LTD.

"CENTRAL WAREHOUSE BUILDING", 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 : _____

(ii) Telephone Number : _____
(iii) Telefax Number : _____
(iv) Contact Person : _____
(v) E-mail Address : _____

B) Details of Contact person:

- (i) Postal Address : _____

(ii) Telephone Number : _____
(iii) Fax Number : _____
(iv) Contact Parson : _____
(v) E-mail Address : _____

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 :

Agency's Name : _____
Signature : _____
Name : _____
Designation : _____
Date : _____
Seal/Stamp : _____



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F 13

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. and



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

BRAHMAPUTRA CRACKER & POLYMER LIMITED

(NAME OF THE CONTRACTOR)

Date : _____

Date : _____

Place: _____

Place: _____

IN PRESENCE OF TWO WITNESSES

1. _____

1. _____

2. _____

2. _____



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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 PF registration certificate shall be provided before commencement of work (if awarded).	
6		Confirmed that Power of Attorney in favour of person who has signed the offer is submitted	
7		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.	
8		Confirmation towards submission of EMD/Bid Bond of requisite value & its details.	
	a	Bid Security No. & Date	
	b	Value & validity	
	c	Name & address of Bank Issuing Bid Security	
9		Provide PAN number.	
10		Provide Service Tax Registration number.	
11		Provide Sales Tax (VAT / CST) Registration number.	
12		Confirmation towards submission of duly filled, signed and stamped copy of complete tender documents (ITB, SCC, SCOPE OF WORK, GCC and all Annexure & Forms).	
13		Confirmation towards submission of duly signed & stamped copy of blank SOR (Schedule of Rates) showing that rate is quoted in same	



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		format.	
14		Confirmation towards submission of duly signed and stamped copy of No Deviation Confirmation as per F-6	
15		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, PBG/ security deposit, Arbitration, Force Majeure, Guarantee of work, applicable laws, etc.	
16		Confirmed that all terms and conditions of the tender are acceptable in totality	
17		Confirm that the prices are quoted as per clause 13.0 of ITB.	
18		Bidder's name and address	
19		Confirm acceptance of Price Reduction Schedule (PRS)/Demurrage / Penalty for delay & Penalty clause as specified in the Bid Document.	
20		Confirm acceptance of Terms of Payment as specified in the Bid Document.	
21		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'.	
22		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	
23		Confirm that bidder has understood Schedule of Rates (SOR) completely and bidder has quoted accordingly.	
24		Indicate Name & Contact E-Mail/ Telephone/Mobile/Fax No. Of person(s) to whom queries, if any, are to be addressed against your bid	
25		SOR has been signed & filled up as quoted exactly in the same format of RFQ	
26		All items of each SOR has been quoted	
27		Confirmation of compliance for Period of Contract: Period of contract shall be 6 months (six) from the date of commencement of job. BCPL reserves the right to extend the Period of contract at the same prices, terms and conditions at its sole discretion.	

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.



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E-mail -----

Fax No-. -----

Office St-am-p -----_

ANNEXURE-I

CHECK LIST FOR THE DOCUMENTS AS PER BEC TO BE SUBMITTED ALONG WITH THE TECHNICAL BID.

SR NO.	DESCRIPTION OF DOCUMENTS TO BE SUBMITTED	DOCUMENT SUBMITTED		Please indicate Page No
		YES	NO	
1.	Have you enclosed the copy of work order/Service order/Contract clearly mentioned the scope of work ,duly certified by Notary Public with legible stamp mentioning value of job completed as stipulated in BEC.			
2	Earnest Money Deposit as per tender documents in the form of bank Guarantee/Demand Draft (DD)/Banker's Cheque/a letter of credit from any Nationalized/Scheduled Bank drawn in the favour of "BCPL." Payable at Dibrugarh.			
3	Have you enclosed Authority Letter/Power of Attorney for submission of Tender			
4	Have you enclosed No deviation form, duly filled signed & stamped.			
5	Have you enclosed complete tender duly signed & stamped.			
6	Have you enclosed Copy of PAN card			
7	Do you confirm that you will submit the cenvatable invoice if you get order.			
8	Have you submitted Corrigendum /Pre-bid queries			
9	Confirm if the following are submitted			
	Confirmation that the contents of the tender document bid document has not been modified or altered. In case it is found that the tender document has been modified /altered by bidder , the bid submitted by us shall be liable for			



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	rejection (In case of downloading from website).			
10	Confirm that the following document is submitted depending on bidder's nature of firm: 1. Copies of partnership deed(in case of partnership/LLP firm) 2. Affidavit or self declaration on letter head (in case of Proprietorship firm) 3. Memorandum and Articles of Association & Certificate of Incorporation (in case of private/public limited company) 4. Certification from competent person on their letter head (in case of PSU/Govt. Department) 5. Documentary evidence towards MSME .			



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SECTION III

SPECIAL CONDITIONS OF CONTRACT [SCC]

SCC: Part -A

CONTRACT FOR ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA

TENDER NO: BCPL/DIB/SER/CO16W134PP/00101

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 of SECTION III

3.0 SCOPE OF WORK:

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



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4.0 TIME OF COMPLETION / PERIOD OF CONTRACT:

The Time of Completion/Period of Contract shall be as per Special Conditions of Contract (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:

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

6.0 EARNEST MONEY:

The bidder must deposit the earnest money as given in the letter/notice inviting tenders failing which the tender is liable to be rejected. Earnest Money can be paid by way of Demand Draft drawn on any Scheduled/Nationalized Bank in favor of “**M/s. Brahmaputra Cracker & Polymer Limited**” payable at DIBRUGARH, ASSAM.

Alternatively, Earnest Money may also be submitted in the form of Bank Guarantee from any Nationalized/Schedule Bank of India. The Bank Guarantee so furnished by the bidder shall be in the proforma prescribed by the OWNER attached with the Tender document. No interest shall be paid by the OWNER on the Earnest Money deposited by the bidder. The Bank Guarantee furnished in lieu of Earnest Money shall be kept valid for a period of **(5) FIVE MONTHS** from the date of opening of tender.

BCPL will refund the Earnest Money of the unsuccessful bidders directly to the bidders within a reasonable period of time. Correspondence in this regard may be addressed to BCPL directly by the BIDDERS.

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 4%) and issue necessary certificate to this effect.

8.0 SERVICE TAX:



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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 Contract Value(7.5% of total contract value if the period is less than 1 year) has to be deposited within 10 (ten) 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.



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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).



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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:

21.1 In case of delay in mobilization or in completion of work in all respects and to the full satisfaction of Engineer-In-Charge, the Engineer-In-Charge may at his discretion impose a penalty at the rate of 0.5% per week or part thereof limited to 5% of the contract value.

21.2 Alternatively, in case the Engineer-In-Charge feels that the progress of work is dissatisfactory and the work may be delayed beyond the scheduled or contractual completion date, he may at his discretion get the work done through other agency at the risk and cost of the contractor without prejudice to other rights available to owner under the contract. The decision of the Engineer-In-Charge shall be final and binding in this regard.

22.0 TERMINATION OF CONTRACT:

The Owner/ Engineer-in-Charge reserve the right to terminate the contract on giving 30 days notice without assigning any reason.

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:



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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 ARBITRATION CLAUSE:

31.1 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



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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.

31.2 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.

31.3 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.

31.4 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.

31.5 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.

31.6 The venue of arbitration shall be Guwahati.

31.7 The award of the Arbitrator shall be final and binding on both the parties.

31.8 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.

32.0 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.

33.0 SUMMARY TERMINATION OF CONTRACT DUE TO SUBMISSION OF FALSE DOCUMENT:

33.1 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.

33.2 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



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without any prejudice to other rights available to BCPL under the contract such as forfeiture of Security Deposit, withholding of payments etc.

33.3 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.

33.4 Further, such contractor/bidder shall be blacklisted for future business with BCPL.

34.0 SUBMISSION OF ATTESTED COPIES OF CERTIFICATES/DOCUMENTARY EVIDENCES

34.1 Further, the bidders are required to furnish the attested copy (ies) of Power of Attorney/Partnership Deed.

34.2 Bidders are required to furnish the attested copy (ies) of documentary evidence in support of meeting the Bidder's Eligibility Criteria.

34.3 Non-submission of the attested copies of the certificates/documents will render they bid non-responsive and liable for rejection.

35.0 SUB LETTING OF WORK:

No contractor shall sub let 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 sub lets 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.

36.0 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.

37. Other Guidelines for adherence to various labour legislations towards the contract

- A) The Contractor shall have his own PF code no. with the RPFC as required under EPF Misc. Provisions Act, 1952.
- B) The Contractors shall periodically submit the proof of depositing PF contribution with RPFC.
- C) The Contractor is responsible for obtaining the labour license under the provisions of the Contract Labour (R&A) Act, 1970 from the Office of ALC (Central), Ministry of Labour, Govt. of India, Dibrugarh.



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- D) The Contractor is liable to abide by all necessary licenses/permissions from the concerned authorities as provided under the various labour legislations.
- E) The Contractor shall discharge obligations as provided under various statutory enactment including the Employees Provident Fund and Miscellaneous Provisions Act, 1952, Contract Labour (R&A) Act, 1970, Minimum Wages Act, 1948, , the payment of Wages Act, 1936, the Workmen Compensation Act, 2010 and other relevant Acts, Rules and Regulations enforced from time to time.
- F) 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.
- G) 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.
- H) 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.
- I) The Contractor shall ensure regular and effective supervision and control of the personnel, if any, deployed by him and give suitable direction for undertaking the contractual obligations.
- J) The Contractor is required to maintain registers and records as required under different laws.
- K) The Contractor shall ensure to obtain Employees Compensation Insurance policy covering the risks of accident at the work place and injury sustained out of and in course of and out of employment in respect of personnel deployed by the contractor as per Workmen's Compensation Act, 1923 and rules framed there under.
- L) The Vendor shall take care of the health insurance of all their employees and workmen deputed for this work.
- M) The party will deploy adequate number of qualified & experienced personnel to discharge the contractual obligations effectively.

COMPLIANCE TO STATUTORY AND LEGAL REGULATIONS.

1. The Contractor/contracting firm shall obtain comprehensive insurance policy (CAR policy) covering all risks such as accidents, injuries and death likely to be caused to his workers or to a third person including loss to the properties of Owner/BCPL or to some other agency. The premium amount should be deposited with the insurance agency by the contractor regularly and without any delay.
2. In case of any accident resulting in injury or death in respect of the personnel deployed by the contractor during the execution of the work, the contractor shall be solely responsible for payment of adequate compensation through Employee Compensation policy, insurance amount etc. to the person injured/ next kith and kin of the deceased. Contractor shall indemnify BCPL from all such liabilities.
3. The Contractor/contracting firm shall not employ any person suffering from any contagious, loathsome or infectious disease. The Contractor/contracting firm shall get examined his employees/workers through a Government Doctor before deployment.
4. No worker of Contractor/contracting firm and Contractor himself shall be allowed to consume alcoholic drinks or any narcotics within the plant premises. If found under the influence of above, the Contractor/contracting firm shall have to change/replace him, failing which, BCPL may terminate the contract.
5. The Contractor/contracting firm shall indemnify BCPL against all claims, demands actions, cost and charges etc. brought by any Court, Competent Authority/Statutory Authorities against any act or acts of the Contractor/contracting firm or his workers.



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6. The Contractor should get the police verification done; of the character and antecedents of workers/manpower to be deployed in the BCPL premises, from the place of present residence/domicile. In case, any worker is found having criminal record, he shall have to be replaced immediately without assigning any reasons.
7. The persons to be deployed should be on rolls of the Contractor/contracting firm.
8. The Contractor/contracting firm shall issue proper identity cards to all the workers who are to be engaged for the job. The identity cards shall be signed by the contractor or his authorized representative. The Contractor/contracting firm shall also be responsible for obtaining the gate passes from CISF in respect of all their personnel.
9. The supervision of the personnel shall be done by the Contractor/contracting firm through their authorized representative and the name of the supervisor shall be invariably intimated to Engineer-In-Charge at the time of commencement of contract.
10. The Contractor shall be solely responsible for disciplining the personnel deployed by him. Further, he shall ensure that none of his workers create any nuisance or indulge in anti-social and criminal activities during the entire period of contract. In case, anybody is found indulging in such activities, then he will have to be immediately removed without any prejudice to further necessary action as deemed fit.
11. The Contractor shall be required to furnish proof/copies of forms/returns as per the check-list attached here to every month along with the monthly bills to the Engineer-In-Charge. The checklist is indicative for monthly bills only and the other forms/returns as required under various acts shall be required to be filed/maintained by the Contractor himself regularly.
12. The Contractor(s) are required to submit copies of Electronic Challan cum Return (ECR)/Electronic challan along with online uploaded list of contract workers/members/subscribers for the proof of remittance of Provident Fund (PF) contributions with PF Authorities for the contract workers engaged by him in BCPL while submitting monthly bills.
13. No contract worker/manpower/labour below the age of 18 years shall be deployed on work at BCPL site.
14. While conforming to any of these conditions, the contractor should ensure that no law of state regarding labour, 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 and regulations of center/state/local statutory authorities.
15. The Contractor and the manpower/workers deployed by him, have to strictly comply and adhere to the fire prevention/protection, safety rules, regulations and policies of BCPL in force from time to time.
16. No accommodation will be provided to the Contractor/contracting firm by BCPL.



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SECTION III

SCC: PART -B

SPECIAL CONDITION OF CONTRACT/SCOPE OF WORK

**SUB: ANNUAL MAINTENANCE CONTRACT FOR PRESSURE SAFETY VALVES
INSTALLED IN BCPL, LEPETKATA, DULIAJAN & LAKWA**

1.0 INTRODUCTION:

- 1.1.0 The Special Conditions 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 the contract, wherever the context so requires.
- 1.2.0 The contractor should be familiar to work in any Hydrocarbon related industry.
- 1.3.0 At BCPL approximately 1500 nos. of Pressure / Temperature Safety Valves are mounted on various Pressure Vessels, Tanks, and Pipe Lines etc. for the Safety of the respective systems in Lepetkata, Lakwa & Duliajan.
These valves are to be calibrated to ensure proper functioning / safety of the systems.

2.0 SCOPE OF WORK:

- 2.1.0 Agency/ authorized representative must be certified by CCOE for testing and calibration of Pressure Safety valves installed in Pressure vessels which are covered under SMPV. Arrangement of Competent person/ Inspector for certifying the calibration of the PSVs installed in Pressure vessels covered under SMPV (as per definition in SMPV (U) rules 1981 Chapter I – Preliminary) shall be in the BIDDER'S SCOPE.



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- 2.1.1 The contractor has to execute the calibration, testing, lapping and certification of PSVs / TSVs at BCPL, LEPETKATA as per SOR items and as per instructions of EIC.
- 2.1.2 Normally contractor is required to work between 8:30 am to 6:00 pm, excluding Sundays/ GH/Holidays. However, if required due to urgency of jobs, contractor has to arrange to carry out the jobs overnight to finish the job at the earliest possible time without any extra charge.
- 2.1.3 During shutdown contractor has to gear up his team to work round the clock. Hence, adequate, additional manpower and tools should be made available, as per the instruction of EIC.
- 2.1.4 Valves will be calibrated on test bench only. However in case of non-availability of test bench or due to certain job requirement Nitrogen cylinders, if required, for the calibration shall be arranged by the contractor.
- 2.2.0 The Contractor will deploy at least following number of skilled & experienced personnel to discharge the contractual / obligation effectively:
- 01 no's supervisor/site-in-charge
 - Minimum one group of at least 2 persons to be deployed daily to cater normal jobs. Each group should be comprised of 01 Fitter & 01 helpers.
 - During annual shutdown, no. of groups will be increased to at least 2 (or more, depending on requirement), comprising above combination of fitters, riggers and helpers.

Experience of Supervisor/site-in-charge: Should be at least diploma holder with minimum 5 years' experience in the field of testing and calibration of PSV/TSVs.

Experience of Fitter: Should be skilled having ITI with minimum 02 years' relevant experience in industry for similar type of PSV/TSV maintenance jobs.

Experience of Helper: The personnel deployed should be at least Class 10th pass.

Contractor should submit relevant documents for qualifications and experience to EIC/BCPL before commencement of work.

ROLE OF SUPERVISOR/SITE INCHARGE DEPLOYED BY CONTRACTOR

It is mandatory to depute minimum one qualified supervisor at site for all working days. The supervisor should be able to manage site activities while executing job at site, guide his personnel to carry out the work with proper safety and as per the instructions of the Engineer-In-Charge. The contractor has to provide the contact details of the supervisor including mobile no. to the EIC.

All the personnel engaged by the contractor shall report to the Contractor's supervisor daily for allocation of job.

Supervisor must be capable to arrange crews in case of emergency, immediately at site.

He will have full authority and will supervise and coordinate the jobs envisaged here safely as per Industry standard and ensure safety of work, receive instructions, correspondence letters, etc. from Engineer-In-Charge and ensure satisfactory performance of all works and services as per the scope of work of the subject contract.

The major responsibilities shall be as follows:-

a) Reporting to EIC in General shift at 0830 Hrs. on all working days.

b) Supervision of all maintenance jobs carried out safely by contract workers under the contract including



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checking of daily logs of work done/observations noted. Reporting of any abnormalities observed to the EIC on prompt and regular basis. Taking corrective maintenance action/repair work as per requirement and under prior intimation to EIC.

c) Maintaining Attendance Register of all employees/manpower deployed under the contract on daily basis and submission of attendance report to the EIC on daily basis.

d) Allocation of manpower for the jobs identified on daily basis.

e) Arrangement of gate passes in time for all contract workers.

f) Arrangement of resources and follow up for issuance of material from C&P store or any other location within plant as per directions of the EIC.

g) Submission of computerized annual wage sheet chart, attendance chart etc. or any other such report as desired by EIC from time to time.

h) Arrangement of manpower for assistance services during emergencies or for extra/contingent jobs.

i) Arrangement for Issuance of spare from Central Ware House and

Contractor should submit relevant documents for qualifications and experience to EIC/BCPL before commencement of work.

2.3.0 Detailed job description of SOR items is given below:

SOR No. 1:

Testing (Set Pressure Test, Back Pressure Test as per ASME and Seat Leakage Test as per API 527) of Conventional/Balance/Vacuum Type PSVs and TSVs.

The calibration and testing will be witnessed by the Engineer –in – Charge (EIC)/ Site – in – Charge or his authorized representative.

Calibration Report for all the pressure safety valves should include general data including valve serial number, date of calibration, next due date, detail of cold set pressure, reset pressure and closing remarks etc as per standard.

The contractor shall arrange tagging of valves after calibration in aluminum tag plates with minimum details as below:

- a. Tag No:
- b. Date of Calibration:
- c. Next due Date:

SOR No. 2:

Dismantling, internal inspection, cleaning and servicing the internals of the valves and replacement of any part as instructed by EIC or their representative. Spares for PSV / TSV shall be provided by BCPL, but all required consumables are required to be provided by the bidder.



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After dismantling of PSV/TSV, lapping of the nozzle and disc or any other part of the PSV/TSV is to be done.

The contractor shall arrange lapping compounds for lapping, kerosene, diesel, rustoline or other rust removal compound as required for opening and cleaning the internals. Lapping plate or lapping board shall also have to arrange by the contractor.

If lapping is required to be done outside the Plant the same shall be arranged by the Contractor in the shortest time duration and at his own cost.

After completion of maintenance activity retesting of the PSV has to be done and no separate payment will be given for that.

If machining of disc and nozzle is required it would be done at our mechanical workshop and no extra payment for this shall be made. However if it is not possible at our workshop due to some reason same shall be arranged by the contractor in the shortest period of time and contractor has to bear the cost.

In case after boxing up PSV/TSV, any passing or leakage is there, the same has to be attended and rectified in consultation with the Engineer-in-charge without any extra cost.

SOR No. 3:

Calibration and certification of Pressure Relief valve under the SMPV (U)-1981 shall be completed within due date.

3.0. UTILITY SUPPLY BY BCPL (POWER, WATER ETC.)

BCPL will provide water and electricity for calibration, testing and maintenance purpose for PSV/TSV at the designated place for carrying out the jobs free of cost.

4.0. TIME OF COMPLETION / CONTRACT PERIOD.

4.1.0 The initial period of the annual maintenance contract shall be one year i.e. 12 months from the date of issuing the TOI / LOI/W.O which is further extendable to another 03 months based upon the performance of contractor and the job requirement on same rates, terms and conditions.

4.2.0 The decision of the "EIC" regarding extension of the contract shall be final and binding on the contractor.

5.0 MOBILIZATION PERIOD

The contractor shall mobilize the Test Bench and other accessories, tools, materials, manpower etc. for undertaking the contractual obligation at the commencement of the contract, within one week period after call notice is given by BCPL.

6.0 TERMS OF PAYMENT

6.1.0 Contractor is required to submit monthly running bills in quadruplicate to EIC by first week of every month for the jobs carried out in previous month for certification and payment.

6.2.0 In case of any damage to BCPL's property during the work of the contractor or his employees, deduction will be made from the total claims according to the total evaluated cost of the damaged article. The evaluation of the damage will be done at the sole discretion of BCPL as decided by the EIC.



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6.3.0 The quoted rate shall remain firm during the contract period and no escalation will be granted on whatsoever ground including among others increase in cost of labour, consumables etc.

7.0 DEFECT LIABILITY PERIOD:

The Contractor shall guarantee the work done (Testing & Certification Validity) for a period of 12 months from the date of calibration and Installation. Any damage or defect which may arise due to defective or negligence on the part of contractor shall be rectified within defect liability period free of cost.

8.0 FACILITY TO BE PROVIDED BY BCPL FREE OF COST.

8.1.0 The spares required for maintenance of the valves will be provided by BCPL free of cost depending on the availability.

8.2.0 Water, air and electricity.

9.0 BIDDER'S SCOPE OF SUPPLY:

9.1.0 Nitrogen cylinder.

9.2.0 Appropriate Tools and tackles required for executing the job.

9.3.0 Lifting tools of proper load bearing capacity with valid test certificate from competent agency for placing PSV/TSV on the test bench.

9.4.0 All the consumables required for the testing of PSVs/TSVs as per SOR No.1 and SOR No.3 and overhauling, lapping of PSV/TSVs as per SOR No.2 will be in bidder's scope.

10.0 SPECIFIC INSTRUCTIONS TO CARRY OUT THE JOB.

In case it is found that terms and conditions of the contract are not being followed fully, then BCPL will send notice to contractor to take remedial measures within 24Hrs. and in case of neglect of the notice, suitable action shall be taken against the contractor at his / her risk & cost which may include termination of contract.

The jobs shall only be carried out as per instruction of "EIC".

10.1 The contractor has to comply all safety requirements for the execution of the job, as per instructions of Plant Safety Officer / "EIC".

10.2 The Contractor has to ensure cleanliness of area under the rule of safety and good housekeeping.

10.3 The contractor shall ensure uninterrupted services for carrying out all SOR items by providing sufficient resources etc. as per instructions of EIC.

10.4 The contractor shall employ such workers who are above 18 years of age. All personnel employed by the contractor shall have sound health, good character and conduct. They shall be medically fit and fully competent to perform the work.

10.5 The contractor shall ensure that the employees/ workmen employed by him, shall, at all times, be neatly and properly dressed in appropriate cotton uniforms embroidered with



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company's/ agency's name and shall be polite decent and courteous to all officers / employees / workmen of BCPL and shall maintain high standard of discipline, decency and decorum.

- 10.6 Contractor shall maintain first aid facility for his employees. However first aid, as available with BCPL, will be provided and also ambulance up to nearest hospital will be provided by BCPL, if available. Remaining expenditure will have to be borne by the contractor.
- 10.7 The workforce deployed by the contractor must have required experience of the job.
- 10.8 BCPL reserves the right to reject any one or all the personnel deployed by contractor on the basis of their performance, conduct and discipline. If any replacement is sought by EIC, the same shall have to be arranged by the contractor with in 24 Hours or as per instruction of EIC. In case of any dispute the decision of EIC shall be final and binding.
- 10.9 All personnel, deployed at site by the contractor, shall be familiar with the working culture and standards, safety norms prevailing in petrochemical / chemical processing plants. All jobs are to be carried out under the proper supervision of contractor.
- 10.10 Transportation employees to the site and back and their accommodation shall be the responsibility of the contractor. BCPL shall have no obligation in this regard.
- 10.11 Normally the work shall be carried out on working days. But due to the exigencies, it may so happen that work may be required to be taken up Sunday, holiday or Second Saturday, which will be treated at par with normal working days. No emergency charges/overtime shall be paid for providing services on above occasions.
- 10.12 The manpower deployed against this contract shall not be used for any other contract except without specific clearance from the EIC of this contract.
- 10.13 The Contractor shall employ technicians having sufficient experience and exposure to working on safety valves of different makes like AUDCO, IL, TYCO, SEBIM, CROSSBY, ANDERSON GREENWOOD, MOORCO, KEYSTONE, SAPAG and FUKUI Etc. Bio-data of the technician shall be produced before deployment of execution of the contract. List of Valves Installed at BCPL has been attached as per **Annexure-A to SCC**.

11.0 SAFETY OF MANPOWER:

The Contractor shall perform the work under this contract observing all relevant safety rules and regulation safety rules and regulation safety devices such as helmet, safety shoes, asbestos gloves, suitably rated safety belts etc. shall always be available with the staff and their use shall be enforced. Besides, any specific instruction by the Engineer-in-charge or his representative shall be followed strictly.

12.0.0 RIGHT TO GET SERVICES THROUGH OTHER AGENCIES

- 12.0.1 Nothing contained herein shall restrict the owner from accepting similar services from other agencies at its discretion.



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12.0.2 In case of non-availability of the services by the contractor on any day, BCPL has the right to get the same done by any other agency at the risk, cost and responsibility of the contractor. In addition 10% of the service charges will be deducted from the contractor's dues.

13.0 PENALTY CLAUSE FOR NON PERFORMANCE, IF ANY (IF DIFFERENT FROM PRS CLAUSE)

13.1.0 In case of failure on the part of the contractor causing safety problem or production loss or mechanical damage to any property belonging to BCPL, Contractor shall be penalized at a flat rate 5% of amount bill in that particular month subject to maximum penalty of 25% of amount billed in that month plus actual cost of equipment damaged as per the discretion of the "EIC".

13.2.0 The contractor shall ensure the proper handling of facilities provided by BCPL. In case of any damage, the cost, as decided by the EIC shall be back charged to the contractor from his Running bills.

13.3.0 Nothing, contained herein, shall restrict the owner from accepting similar services from other agencies, at its discretion.

13.4.0 If the contractor fails to mobilize the required resources within reasonable time as decided by EIC, BCPL MAY GET THE WORK DONE THROUGH OTHER Agency at the risk and cost to the contractor and the security deposit of the contractor is liable to be forfeited. **Penalty @ Rs.500** per valve per day including Sundays & Holidays will be levied, if valve calibration jobs are kept pending due to absence of manpower / tools etc.

13.0A INSURANCE TO WORKMEN OF CONTRACTOR:

Contractor will be responsible for insurance coverage of his personnel and BCPL will have no liability what so ever, on this account.

14.0 SCHEDULE OF RATES & QUANTUM OF JOBS:

14.1.0 The quantities shown in schedule of rates are for a period of one year only.

14.2.0 Payment shall be made only for the actual jobs carried out, duly certified by the EIC. BCPL does not give any guarantee regarding quantum of jobs. The decision of EIC regarding operating the schedule of quantities shall be final and binding to the contractor.

14.3.0 The rates quoted by the contractor shall remain firm throughout the period of the contract. Schedule of rates shall be deemed to include and cover all costs, expenses and liabilities of every description and all risks of every kind required to execute the work.

14.4.0 The owner reserves the right to interpolate or extrapolate the rates for any new items of work not covered in schedule of rates, from the similar items already available in schedule of rates. All the works, item wise, shall be measured upon completion and paid for, at the rates quoted and accepted in the SOR. For any activity, which is not specifically covered in the SOR description, but is covered under Special condition of contract /Scope of work /Specification / Drawing etc., no extra claim shall be entertained, since SOR is to be read in conjunction with other documents forming part of the tender.



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14.5.0 All temporary and ancillary works including enabling works connected with the works shall be the responsibility of the contractor and the price quoted in the SOR by them shall be deemed to have included the cost of such works.

15.0 MINIMUM GUARANTEED AMOUNT:

The minimum guaranteed amount is not applicable for this contract.

16.0 TERMINATION OF CONTRACT:

16.1.0 Notwithstanding anything contained elsewhere, the BCPL may at any time its discretion terminate the contract of part of the contract after giving 15 days notice in writing to the contractor without assigning any reason and upon such termination the BCPL shall have the right to remove your materials from site and the contractor shall be paid price of the work satisfactorily completed in accordance with the provisions of this contract.

16.2.0 If BCPL considers that the performance of the contractor under the contract is unsatisfactory or not up to the expected standard, then BCPL shall notify the contractor in writing and may specify in details the cause of its dissatisfaction. The BCPL shall have requisition contained in the said written notice issued by the BCPL to the contractor within 10 days of the receipt thereof.

17.0 COMPLIANCE WITH LAWS:

17.1.0 The contractor (which shall include the contracting firm/company) shall be solely liable to obtain and to abide by all necessary licenses/permissions from the concerned authorities as provided under the various Labour laws legislations including Labour license from the competent authority under the Contract Labour (Regulation & Abolition) Act. 1970 and rules made thereafter.

17.1.1 The Contractor shall also be bound to discharge obligations as provided under various statutory enactments including the Employees Provident Fund and Miscellaneous Act. 1952, the ESI Act., 1948, the Contract Labour (Regulation and Abolition) Act., 1970, the Minimum Wages Act., 1948, the Payment of Wages Act., 1936, the Workmen's Compensation Act. , 1923, and other relevant Acts, Rules & Regulations in force from time to time.



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Annexure-IV

S.No.	Tag number	Size in/out	Rating in / outlbs.	Remarks
1	113-PSV-1201A/B	6" / 8"	300 / 150	
2	113-PSV-1202	1" / 2"	300 / 150	
3	113-PSV-1251	DEC / DEC	300 / 150	
4	113-PSV-1252	VF	300 / 150	
5	113-PSV-1253	VF	300 / 150	
6	113-PSV-1501	1 1/2" / 3"	300 / 150	
7	113-PSV-1531	2" / 3"	2500 / 300	
8	113-PSV-1532	1 1/2" / 3"	900 / 300	
9	113-PSV-1533	1 1/2" / 3"	900 / 300	
10	113-PSV-1801	1 1/2" / 3"	300 / 150	
11	113-PSV-1831	2" / 3"	2500 / 300	
12	113-PSV-1832	1 1/2" / 3"	900 / 300	
13	113-PSV-1833	1 1/2" / 3"	900 / 300	
14	113-PSV-2101	1 1/2" / 3"	300 / 150	
15	113-PSV-2131	2" / 3"	2500 / 300	
16	113-PSV-2132	1 1/2" / 3"	900 / 300	
17	113-PSV-2133	1 1/2" / 3"	900 / 300	
18	113-PSV-2401	1 1/2" / 3"	300 / 150	



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19	113-PSV-2431	2" / 3"	2500 / 300	
20	113-PSV-2432	1 1/2" / 3"	900 / 300	
21	113-PSV-2433	1 1/2" / 3"	900 / 300	
22	113-PSV-2701A/B	1" / 2"	300 / 150	
23	113-PSV-2702	3/4" / 1"	300 / 150	
24	113-PSV-2703	3/4" / 1"	300 / 150	
25	113-PSV-2801A/B	3" / 4"	300 / 150	
26	113-PSV-2802	VF	300 / 150	
27	113-PSV-2803	VF	300 / 150	
28	113-PSV-2804	VF	300 / 150	
29	113-PSV-2805	VF	300 / 150	
30	113-PSV-2901	3/4" / 1"	300 / 150	
31	113-PSV-3401	DEC / DEC	300 / 150	
32	113-PSV-3501A / F	8" / 10"	300 / 150	
33	113-PSV-3501B	8" / 10"	300 / 150	
34	113-PSV-3501C	8" / 10"	300 / 150	
35	113-PSV-3501D	8" / 10"	300 / 150	
36	113-PSV-3501E	8" / 10"	300 / 150	
37	113-PSV-3601	3/4" / 1"	300 / 150	
38	113-PSV-3602	3/4" / 1"	300 / 150	
39	113-PSV-3603	3/4" / 1"	300 / 150	
40	113-PSV-3604	3/4" / 1"	300 / 150	
41	113-PSV-3701 A / B	3" / 4 "	300 / 150	
42	113-PSV-3702	1" / 2"	300 / 150	
43	113-PSV-3751	3/4" / 1"	300 / 150	
44	113-PSV-3801	3" / 4"	300 / 150	
45	113-PSV-3802	3" / 4"	300 / 150	
46	113-PSV-3803	3" / 4"	300 / 150	
47	113-PSV-3804	3" / 4"	300 / 150	
48	113-PSV-3805	3" / 4"	300 / 150	
49	113-PSV-3851A/C	8" / 10"	300 / 150	
50	113-PSV-3851B	8" / 10"	300 / 150	
51	113-PSV-3852 A / B	4" / 6"	300 / 150	
52	113-PSV-3853	1" / 2"	300 / 150	
53	113-PSV-3854	3/4" / 1"	300 / 150	
54	113-PSV-3901A/B	1" / 2"	300 / 150	
55	113-PSV-4101 A / B	DEC / DEC	300 / 150	
56	113-PSV-4201	3/4" / 1"	300 / 150	
57	113-PSV-4203A/B	1" / 2"	300 / 150	
58	113-PSV-4301	DEC / DEC	300 / 150	
59	113-PSV-4302	DEC / DEC	300 / 150	
60	113-PSV-4303	3" / 4"	300 / 150	
61	113-PSV-4304	3" / 4"	300 / 150	
62	113-PSV-4305	1" / 2"	300 / 150	
63	113-PSV-4401	3/4" / 1"	300 / 150	
64	113-PSV-4402 A / B	2" / 3"	300 / 150	
65	113-PSV-4501	3/4" / 1"	300 / 150	
66	113-PSV-4502	1 1/2" / 3"	300 / 150	



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67	113-PSV-4601A/B	DEC / DEC	300 / 150	
68	113-PSV-4602	3/4" / 1"	300 / 150	
69	113-PSV-4701	3/4" / 1"	300 / 150	
70	113-PSV-4702A/B	2" / 3"	300 / 150	
71	113-PSV-4703	1" / 2"	300 / 150	
72	113-PSV-4801 A / B	4" / 6"	300 / 150	
73	113-PSV-4802	3/4" / 1"	300 / 150	
74	113-PSV-4901	1" / 2"	300 / 150	
75	113-PSV-5001	VF	150 / 150	
76	113-PSV-5201A/B	2" / 3"	300 / 150	
77	113-PSV-5202A/B	2" / 3"	300 / 150	
78	113-PSV-5203	3/4" / 1"	300 / 150	
79	113-PSV-5301	DEC / DEC	300 / 150	
80	113-PSV-5401	1 1/2" / 3"	300 / 150	
81	113-PSV-5501 A / B	1 1/2" / 2"	300 / 150	
82	113-PSV-5502	3" / 4"	300 / 150	
83	113-PSV-5503	3" / 4"	300 / 150	
84	113-PSV-5504	DEC / DEC	300 / 150	
85	113-PSV-5505	DEC / DEC	300 / 150	
86	113-PSV-5506	1" / 2"	300 / 150	
87	113-PSV-5507	3/4" / 1"	300 / 150	
88	113-PSV-5601	2" / 1"	300 / 150	
89	113-PSV-5602	2" / 1"	300 / 150	
90	113-PSV-5603	2" / 1"	300 / 150	
91	113-PSV-5604	2" / 1"	300 / 150	
92	113-PSV-5605	2" / 1"	300 / 150	
93	113-PSV-5606	2" / 1"	300 / 150	
94	113-PSV-5607	2" / 1"	300 / 150	
95	113-PSV-5608	2" / 1"	300 / 150	
96	113-PSV-5609	2" / 1"	300 / 150	
97	113-PSV-5610	2" / 1"	300 / 150	
98	113-PSV-5611	VF	150 / 150	
99	113-PSV-5612	VF	150 / 150	
100	113-PVSV-5001	DEC / DEC	150 / 150	
101	113-PVSV-5601	DEC / DEC	150 / 150	
102	113-PVSV-5602	DEC / DEC	150 / 150	
103	113-PSE-5901	8"	150 / 150	
104	113-PSV-5701 A / B	4" / 6"	300 / 150	
105	113-PSV-5703	VF	300 / 300	
106	113-PSV-5801	3" / 4"	300 / 150	
107	113-PSV-5802	3" / 4"	300 / 150	
108	113-PSV-5803	VF	300 / 150	
109	113-PSV-5804	VF	300 / 150	
110	113-PSV-6001A/B	4" / 6"	300 / 150	
111	113-PSV-6002	1" / 2"	600 / 150	
112	113-PSV-6003	3/4" / 1"	300 / 150	
113	113-PSV-6004	1" / 2"	300 / 150	
114	113-PSV-6101 A/B	1 1/2" / 3"	2500 / 150	



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115	113-PSV-6102 A/B	3" / 4"	300 / 150	
116	113-PSV-6103	DEC / DEC	300 / 150	
117	113-PSV-6104	DEC / DEC	300 / 150	
118	113-PSV-6105 A / B	6" / 8"	300 / 150	Based on Whisper trim, CV 85.5
119	113-PSV-6201 A / B	4" / 6"	300 / 150	
120	113-PSV-6202 A / B	1" / 2"	300 / 150	
121	113-PSV-6203	1" / 2"	300 / 150	
122	113-PSV-6231	4" / 6"	300 / 150	
123	113-PSV-6232	3" / 4"	300 / 150	
124	113-PSV-6261	3" / 4"	300 / 150	
125	113-PSV-6262 A / B	1" / 2 "	300 / 150	
126	113-PSV-6301	3" / 4"	600 / 150	
127	113-PSV-6302	3" / 4"	600 / 150	
128	113-PSV-6303	DEC / DEC	600 / 150	
129	113-PSV-6304	DEC / DEC	600 / 150	
130	113-PSV-6305A/B	1 1/2" / 3"	300 / 150	
131	113-PSV-6401 A / B	4" / 6"	300 / 150	
132	113-PSV-6501	DEC / DEC	300 / 150	
133	113-PSV-6502	DEC / DEC	300 / 150	
134	113-PSV-6601	DEC / DEC	300 / 150	
135	113-PSV-6602	DEC / DEC	300 / 150	
136	113-PSV-6701 A / B	1" / 2"	300 / 150	
137	113-PSV-6801 A / B	4" / 6"	300 / 150	
138	113-PSV-6802	1" / 2"	300 / 150	
139	113-PSV-6803	6" / 8"	300 / 150	
140	113-PSV-6804	DEC / DEC	300 / 150	
141	113-PSV-6805	DEC / DEC	300 / 150	
142	113-PSV-6851	VF	300 / 300	
143	113-PSV-6852	VF	300 / 300	
144	113-PSV-6901	DEC / DEC	300 / 150	
145	113-PSV-6902	DEC / DEC	300 / 150	
146	113-PSV-6903	1" / 2"	300 / 150	
147	113-PSV-6904	1" / 2"	300 / 150	
148	113-PSV-6905 A / B	4" / 6"	300 / 150	
149	113-PSV-7001	DEC / DEC	300 / 150	
150	113-PSV-7002	DEC / DEC	300 / 150	
151	113-PSV-7003	DEC / DEC	300 / 150	
152	113-PSV-7004	3/4" / 1"	300 / 150	
153	113-PSV-7005	3/4" / 1"	300 / 150	
154	113-PSV-7006	3/4" / 1"	300 / 150	
155	113-PSV-7101	1" / 2"	300 / 150	
156	113-PSV-7102	1 1/2" / 3"	300 / 150	
157	113-PSV-7151	1" / 2"	300 / 150	
158	113-PSV-7152	1 1/2" / 3"	300 / 150	
159	113-PSV-7201 A / B	4" / 6"	300 / 150	
160	113-PSV-7202	DEC / DEC	300 / 300	
161	113-PSV-7203	DEC / DEC	300 / 300	



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162	113-PSV-7204	DEC / DEC	300 / 300	
163	113-PSV-7205	DEC / DEC	300 / 300	
164	113-PSV-7301	2" / 3"	300 / 150	
165	113-PSV-7302	2" / 3"	300 / 150	
166	113-PSV-7401 A / B	6" / 8"	300 / 150	
167	113-PSV-7402	DEC / DEC	300 / 150	
168	113-PSV-7701	VF	300 / 300	
169	113-PSV-7702	VF	300 / 300	
170	113-PSV-7801 A / B	4" / 6"	300 / 150	
171	113-PSV-7802	6" / 8"	300 / 150	
172	113-PSV-7803	6" / 8"	300 / 150	
173	113-PSV-7804	DEC / DEC	300 / 150	
174	113-PSV-7805	DEC / DEC	300 / 150	
175	113-PSV-7806	1" / 2"	300 / 150	
176	113-PSV-7901	1 1/2" / 3"	300 / 150	
177	113-PSV-7902	3/4" / 1"	300 / 150	
178	113-PSV-8001 A / B	3" / 4"	300 / 150	
179	113-PSV-8002	1 1/2" / 3"	300 / 150	
180	113-PSV-8003	6" / 8"	300 / 150	
181	113-PSV-8004	DEC / DEC	300 / 150	
182	113-PSV-8005	1" / 2"	300 / 150	
183	113-PSV-8201	1 1/2" / 3"	300 / 150	
184	113-PSV-8202	1 1/2" / 3"	300 / 150	
185	113-PSV-8301	1 1/2" / 3"	300 / 150	
186	113-PSV-8302	1 1/2" / 3"	300 / 150	
187	113-PSV-8401 A / B	1 1/2" / 3"	300 / 150	
188	113-PSV-8402	3/4" / 1"	300 / 150	
189	113-PSV-8501 A / B	4" / 6"	300 / 150	
190	113-PSV-8502	1" / 2"	300 / 150	
191	113-PSV-8601 A / B	6" / 8"	300 / 150	
192	113-PSV-8701	DEC / DEC	300 / 150	
193	113-PSV-8702	3/4" / 1"	300 / 150	
194	113-PSV-8751 A / B	1" / 2"	600 / 150	
195	113-PSV-8752	DEC / DEC	300 / 150	
196	113-PSV-8801	3/4" / 1"	300 / 150	
197	113-PSV-8802	3/4" / 1"	300 / 150	
198	113-PSV-8901	2" / 3"	300 / 150	
199	113-PSV-9001 A / B	4" / 6"	300 / 150	
200	113-PSV-9002	DEC / DEC	300 / 150	
201	113-PSV-9003	DEC / DEC	300 / 150	
202	113-PSV-9004	DEC / DEC	300 / 150	
203	113-PSV-9005	DEC / DEC	300 / 150	
204	113-PSV-9006	1" / 2"	300 / 150	
205	113-PSV-9031	3" / 4"	300 / 150	
206	113-PSV-9032	3/4" / 1"	300 / 150	
207	113-PSV-9061	DEC / DEC	300 / 150	
208	113-PSV-9062	3/4" / 1"	300 / 150	
209	113-PSV-9101	1" / 2"	300 / 150	



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210	113-PSV-9102 A / B	6" / 8"	300 / 150	
211	113-PSV-9103 A / B	8" / 10"	300 / 150	
212	113-PSV-9201 A / B	4" / 6"	300 / 150	
213	113-PSV-9202	1 1/2" / 3"	300 / 150	
214	113-PSV-9203	3/4" / 1"	300 / 300	
215	113-PSV-9204	3/4" / 1"	300 / 300	
216	113-PSV-9301 A / B	3" / 4"	300 / 150	
217	113-PSV-9302 A / B	1 1/2" / 3"	300 / 150	
218	113-PSV-9303 A / B	3" / 4"	300 / 150	
219	113-PSV-9304	2" / 3"	300 / 150	
220	113-PSV-9305	VF	300 / 300	
221	114-PSV-1101A / B	3" / 4"	300 / 150	
222	114-PSV-1102	1" / 2"	300 / 150	
223	114-PSV-1201	3" / 4"	300 / 150	
224	114-PSV-1202	3/4" / 1"	300 / 150	
225	115-PSE-1404A / B	4"	150 / 150	
226	115-PSV-1101 A / B	1" / 2"	300 / 150	
227	115-PSV-1102	VF	300 / 150	
228	115-PSV-1103	VF	300 / 150	
229	115-PSV-1104	VF	150 / 150	
230	115-PSV-1201 A / B	1" / 2"	600 / 150	
231	115-PSV-1203	3/4" / 1"	300 / 150	
232	115-PSV-1204	3/4" / 1"	600 / 150	
233	115-PSV-1301 A / B	1" / 2"	600 / 150	
234	115-PSV-1302	3/4" / 1"	600 / 150	
235	115-PSV-1401 A / B	3" / 4"	300 / 150	
236	115-PSV-1402	1 1/2" / 2"	300 / 150	
237	115-PSV-1403	1" / 2"	300 / 150	
238	115-PSV-1501	3/4" / 1"	300 / 150	
239	115-PSV-1502	3/4" / 1"	300 / 150	
240	115-PSV-1601 A / B	4" / 6"	300 / 150	
241	115-PSV-1602	1" / 2"	300 / 150	
242	115-PSV-1701	3/4" / 1"	300 / 150	
243	115-PSV-1901 A / B	3" / 4"	300 / 150	
244	115-PSV-1902	DEC / DEC	300 / 150	
245	115-PSV-2001	3/4" / 1"	300 / 150	
246	115-PSV-2101	3/4" / 1"	300 / 150	
247	115-PSV-2102	3/4" / 1"	300 / 150	
248	115-PSV-2103 A / B	1 1/2" / 2"	300 / 150	
249	115-PSV-2201 A / B	DEC	300 / 150	
250	116-PSE-1104 A / B	3"	150 / 150	
251	116-PSV-1102	VF	300 / 150	
252	116-PSV-1103 A / B	1 1/2" / 2"	300 / 150	
253	116-PSV-1105 A / B	1 1/2" / 3"	300 / 150	
254	116-PSV-1106	3/4" / 1"	300 / 150	
255	116-PSV-1108	DEC / DEC	300 / 150	
256	116-PSV-1109	VF	150 / 150	
257	116-PSV-1110	VF	VTA / VTA	



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258	116-PSV-1111	VF	VTA / VTA	
259	116-PVSV-1101	VF	150 / 150	
260	113-PSV-9401 A / B	3" / 4"	300 / 150	
261	113-PSV-9402	VF	300 / 150	
262	113-PSV-9403	VF	300 / 150	
263	113-PSV-9501	DEC / DEC	300 / 150	
264	113-PSV-9502	1" / 2"	300 / 150	
265	113-PSV-9503	DEC / DEC	300 / 150	
266	113-PSV-9504	1" / 2"	300 / 150	
267	113-PSV-9701 A / B	3" / 4"	300 / 150	
268	113-PSV-9702	VF	300 / 150	
269	113-PSV-9763	VF	150 / 150	
270	113-PSV-9801	3/4" / 1"	300 / 150	
271	113-PSV-9808A/B	1 1/2" / 3"	150 / 150	
272	113-PSV-9823A/B	1" / 2"	300 / 150	
273	113-PSV-9824A/B	1 1/2" / 3"	300 / 150	
274	113-PSV-9842	VF	150 / 150	
275	113-PSV-9861A/B	4" / 6"	600 / 150	
276	113-PSV-9866A/B	4" / 6"	300 / 150	
277	113-PSV-9871A/B	6" / 8"	150 / 150	
278	113-PVSV-9841	VF	150 / 150	
279	113-PSV-6105 A / B	DEC	DEC	
280	TAG NO.	SIZE /RATING	Set Point kg/f/cm2	
281	117-PSV-1108	1.5" G 3",600# X 150#	56	
282	117-PSV-1112	2" H 3",600# X 150#	56	
283	117-PSV-1205	1" D 2",600# X 150#	50	
284	117-PSV-1304-1	1" D 2",300# X 150#	10.5	
285	117-PSV-1304-2	1" D 2",300# X 150#	10.5	
286	117-PSV-1323	1.5" F 2",600# X 150#	56	
287	117-PSV-1333	1.5" F 2",600# X 150#	56	
288	117-PSV-1404	3/4" (M) X 1" (F)	43.1	
289	117-PSV-1423	2" H 3",600# X 150#	56	
290	117-PSV-1433	2" H 3",600# X 150#	56	
291	117-PSV-1513-1	3" J 4",300# X 150#	17.2	
292	117-PSV-1513-2	3" J 4",300# X 150#	17.2	
293	117-PSV-1523-1	3" J 4",300# X	17.2	



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		150#		
294	117-PSV-1523-2	3" J 4", 300# X 150#	17.2	
295	117-PSV-1540	1" D 2", 150# X 150#	17.2	
296	117-PSV-1542	1" D 2", 150# X 150#	17.2	
297	117-PSV-1603	3/4" (M) X 1" (F)	7.5	
298	117-PSV-1613	3" J 4", 300# X 150#	10.5	
299	117-PSV-1614	3" J 4", 300# X 150#	10.5	
300	117-PSV-1706	2" H 3", 300# X 150#	12	
301	117-PSV-1713	4" P 6", 150# X 150#	4.4	
302	117-PSV-1714	4" P 6", 150# X 150#	4.4	
303	117-PSV-1723	1" D 2"	36.1	
304		300# X 300#		
305	117-PSV-1823	1" D 2", 600# X 150#	50	
306	117-PSV-1833	1" D 2", 600# X 150#	50	
307	117-PSV-1911	1" D 2"	50	
308		600# X 150#		
309	117-PSV-1941	1" D 2"	50	
310		600# X 150#		
311	117-PSV-2624	3/4" (M) X 1" (F)	38	
312				
313	117-PSV-3109-1	6" Q 8", 600# X 150#	28	
314	117-PSV-3109-2	6" Q 8", 600# X 150#	28	
315	117-PSV-3110-1	6" Q 8", 600# X 150#	28	
316	117-PSV-3110-2	6" Q 8", 600# X 150#	28	
317	117-PSV-3111	1" E 2", 150# X 150#	10.5	
318	117-PSV-3305	3/4" (M) X 1" (F)	39.7	
319				
320	117-PSV-3409	3/4" (M) X 1" (F)	25.5	
321				
322	117-PSV-3414	4" M 6"	38	



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323		300# X 150#		
324	117-PSV-3504	1" D 2"	38	
325		300# X 150#		
326	117-PSV-3811	3" K 4"	7	
327		150# X 150#		
328	117-PSV-3908-2	3" K 4", 150# X 150#	4.4	
329	117-PSV-3908-1	3" K 4", 150# X 150#	4.4	
330	117-PSV-3909-1	3" K 4", 150# X 150#	4.4	
331	117-PSV-3909-2	3" K 4", 150# X 150#	4.4	
332	117-PSV-4009	1.5" H 3", 150# X 150#	4.4	
333	117-PSV-4402	3/4" (M) X 1" (F)	4.4	
334	117-PSV-4513	1" D 2", 300# X 300#	44.8	
335	117-PSV-4523	1" D 2", 300# X 300#	44.8	
336	117-PSV-4605	1.5" G 3", 150# X 150#	10	
337	117-PSV-4607	1.5" G 3", 150# X 150#	10	
338	117-PSV-4606	3/4" (M) X 1" (F)	7.7	
339	117-PSV-4705	1" D 2", 150# X 150#	10	
340	117-PSV-4712	3" K 4", 150# X 150#	10	
341	117-PSV-4714	3" K 4", 150# X 150#	10	
342	117-PSV-4713	3/4" (M) X 1" (F)	7.7	
343	117-PSV-4722	1.5" G 3", 300# X 150#	28	
344	117-PSV-4724	1.5" G 3", 300# X 150#	28	
345				
346	117-PSV-4723	3/4" (M) X 1" (F)	21.6	
347				
348	117-PSV-4803	1" D 2"	48.3	
349		300# X 150#		
350	117-PSV-4807	1" D 2"	48.3	
351		300# X 150#		
352	117-PSV-5103	3" J 4"	7.5	
353		300# X 150#		



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354	117-PSV-5105	3" J 4"	4.4	
355		300# X 150#		
356				
357	117-PSV-5104	¾" (M) X 1" (F)	7.5	
358				
359	117-PSV-5212	2" J 3", 150# X 150#	8.8	
360	117-PSV-5212-2	2" J 3", 150# X 150#	10.2	
361	117-PSV-5214	2" J 3", 150# X 150#	10.2	
362	117-PSV-5213	¾" (M) X 1" (F)	7.8	
363	117-PSV-5222	2" J 3", 150# X 150#	10.2	
364	117-PSV-5222	2" J 3", 150# X 150#	10.2	
365	117-PSV-5224-1	2" J 3", 150# X 150#	10.2	
366	117-PSV-5224-2	2" J 3", 150# X 150#	10.2	
367	117-PSV-5223	¾" (M) X 1" (F)	7.8	
368	117-PSV-5303	¾" 300# X 1" 150#	30.3	
369				
370	117-PSV-5304	1.5" G 3", 150# X 150#	7	
371	117-PSV-5402	1.5" G 3", 300# X 150#	30.3	
372	117-PSV-5414	1.5" H 3", 150# X 150#	10.2	
373	117-PSV-6004	6" R 8", 150# X 150#	7	
374	117-PSV-6005	¾" (M) X 1" (F)	10.5	
375				
376	117-PSV-6006	¾" (M) X 1" (F)	7.5	
377				
378	117-PSV-7132	6" Q 8"	4.4	
379		150# X 150#		
380	117-PSV-7142	1" D 2"	5.5	
381		150# X 150#		
382	117-PSV-7152	1" D 2"	4.5	
383		150# X 150#		
384				
385	117-PSV-7303	2" Inlet		



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386		2" Outlet		
387		150# X 150#		
388	117-PSV-7304	2" Inlet		
389		2" Outlet		
390		150# X 150#		
391	117-PSV-7722-1	4" N 6", 150# X 150#	1	
392	117-PSV-7722-1	4" N 6", 150# X 150#	1	
393				
394	117-PSV-7723	4" N 6" 150# X 150#	1	
395	117-PSV-7723	4" N 6" 150# X 150#	1	
396				
397	117-PSV-7724	¾" (M) X 1" (F)		
398				
399	117-PSV-7725	1.5" F 2"; 150# X 150#	6.5	
400				
401	117-PSV-7761-1	2" J 3"; 300# X 300#	6.5	
402	117-PSV-7761-2	2" J 3"; 300# X 300#	6.5	
403	117-PSV-7762-1	2" J 3"	6.5	
404	117-PSV-7762-2	2" J 3"	6.5	
405	117-PSV-8102	1.5" H 3"; 150# X 150#	3.9	
406	117-PSV-8103	1.5" H 3"; 150# X 150#	3.9	
407				
408	117-PSV-8205	1.5" G 3"	4.4	
409		150# X 150#		
410				
411	117-PSV-8402	6" Q 8"	4.4	
412		150# X 150#		
413	117-PSV-8403	6" Q 8"	4.4	
414		150# X 150#		
415	117-PSV-8405-1	1" D 2" 150# X 150#	7.2	
416	117-PSV-8405-2	1" D 2" 150# X 150#	7.2	
417	117-PSV-8405-3	1" D 2" 150# X 150#	7.2	
418				
419	117-PSV-8407	¾" (M) X 1" (F)	7.5	
420	117-PSV-8410	3" K 4"	6.5	



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421		150# X 150#		
422	117-PSV-8411	¾" (M) X 1" (F)	7.5	
423				
424	117-PSV-8412	¾" (M) X 1" (F)	7.5	
425				
426	117-PSV-8504	2" J 3"300# X 150#	10	
427	117-PSV-8505	2" J 3"300# X 150#	10.5	
428	117-PSV-8603	1" D 2"	10.5	
429		300# X 150#		
430	117-PSV-8607	1.5" F 2"	10.5	
431		150# X 150#		
432				
433	117-PSV-8608	1.5" F 2", 150# X 150#	10.5	
434				
435	117-PSV-8609	3" L 4"; 150# X 150#	4.4	
436				
437	117-PSV-8610	3" L 4"	4.4	
438		150# X 150#		
439	117-PSV-8614	1" E 2"	10.5	
440		300# X 150#		
441	117-PSV-8622	1" E 2"	10.5	
442		300# X 150#		
443	117-PSV-8703	6" R 10"	4.4	
444		300# X 150#		
445	117-PSV-8706	6" R 10"	4.4	
446		300# X 150#		
447	117-PSV-8704	1" E 2"	3.4	
448		150# X 150#		
449	117-PSV-8707	1" E 2"	3.4	
450		150# X 150#		
451	117-PSV-8733	1.5" F 2"	10.5	
452		300# X 150#		
453	117-PSV-8734	1.5" F 2"	10.5	
454		300# X 150#		
455	117-PSV-8804	1.5" G 3"	10.5	
456		150# X 150#		
457	117-PSV-8805	1.5" G 3"	10.5	
458		150# X 150#		
459	117-PSV-8914	2" H 3"	38	
460		300# x 150#		
461	117-PSV-8924	1.5" G 3"	10.5	
462		150# X 150#		



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463	117-PSV-5301	3" J 4"	17.5	
464		600# X 150#		
465	117-PSV-PA942	0.75"	36.1	
466	117-PSV-PA409A	1	27.4	
467	117-PSV-PA409B	1	27.4	
468	117-PSV-472A	0.75	18	
469	117-PSV-472B	0.75	18	
470	117-PSV-482		18	
471	117-PSV-504		5.5	
472	117-7003A/B/C/D9PA485)			
473	117-PSV-505a		10	
474	117-PSV-505b		10	
475	117-PA-941A/B			
476	117-PA-943			
477	117-PA-485A/B			
478	117-PA-848A		4.2	
479	117-PA-848B		4.2	
480	117-PSV-3910		4.4	
481	117-PSV-4010		4.4	
482	117-PSV-4305		10.5	
483	117-PSV-4306		4.4	
484	117-PSV-8204		4.4	
485	117-PSV-8206		4.4	
486	117-PSV-6322			
487	117-PSV-6323			
488	117-PSV-3422A		8	
489	117-PSV-3423A		8	
490	117-PSV-4125A		10	
491	117-PSV-4126A		10	
492	117-PSV-1950		50	
493	117-PSV-1951		10	
494	117-PSV-1952		10	
495	117-PSV-1953		10	
496	117-PSV-1954		50	
497	117-PSV-1955		50	
498	117-PSV-8816A		10.5	
499	117-PSV-8816B		10.5	
500	117-PSV-8817A		19.5	
501	117-PSV-8817B		19.5	
502	117-PSV-8818A		38	
503	117-PSV-8818B		38	
504	117-PSV-1005		1	
505	117-PSV-1130		7	
506	117-PSV-1131		7	
507	117-PSV-5929		28	
508	117-PSV-5948		7.5	
509	117-PSV-5925		10	



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510	117-PSV-5930		28	
511	117-PSV-5931		28	
512	117-PSV-5934		7.5	
513	117-PSV-5927		7.5	
514	117-PSV-5937			
515	117-PSV-5939		7.5	
516	117-PSV-5815		(-.02)	
517	117-PSV-5941		7.5	
518	117-PSV-5942		2	
519	117-PSV-5943		10	
520	117-PSV-5944		7	
521	117-PSV-5945		7.5	
522	117-PSV-5946		27.5	
523	117-PSV-5950		7.5	
524	117-PSV-4770A			
525	117-PSV-4770B			
526	117-PSV-4722A			
527	117-PSV-4722B			
528	117-PSV-4750A			
529	117-PSV-4750A			
530	117-PSV-5270A			
531	117-PSV-5270B			
532	117-PSV-5222A			
533	117-PSV5222B			
534	117-PSV-5250A			
535	117-PSV-5250A			
536	117-PSV-5330		21.2	
537	117-PSV-5332		21.2	
538	117-PSV-5334		21.2	
539	117-PSV-5335		21.2	
540	117-PSV-5336		17.5	
541	117-PSV-5337		21.2	
542	117-PSV-5333		7.5	
543	117-PSV-5335		7.5	
544	PSV-09-1246A	6.15	6.9	
545	PSV-09-1246B	6.15	7.2	
546	PSV-09-1235A	6	7	
547	PSV-09-1235B	6	7.3	
548	PSV-10-1246A	6.15	6.9	
549	PSV-10-1246B	6.15	7.2	
550	PSV-10-1235A	6	7	
551	PSV-10-1235B	6	7.3	
552	SV1	--	125	
553	SV2	--	128.8	
554	SV3	--	117.8	
555	SV1	--	125	
556	SV2	--	128.8	
557	SV3	--	117.8	



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558	FSV-6960	--	7	
559	PSV-07-1504A	43.5	49	
560	PSV-07-1504B	43.5	49	
561	PSV-07-1511A	6	7.5	
562	PSV-07-1511B	6	7.8	
563	PSV-07-1224A	6	7	
564	PSV-07-1224B	6	7.3	
565	PSV-1204A	44.5	50	
566	PSV-1204B	44.5	50.3	
567	PSV-1213A	11	12.5	
568	PSV-1213B	11	13	
569	PSV-1255A	7	8	
570	PSV-1255B	7	8.3	
571	PSV-1263A	43	47	
572	PSV-1263B	43	47.5	
573	PSV-1303A	19.5	21.6	
574	PSV-1303B	19.5	21.9	
575	PSV-1415A	7	8	
576	PSV-1415A1	7	8.3	
577	PSV-1415B	7	8.3	
578	PSV-1415B1	7	8.3	
579	PSV-1849A	129	179	
580	PSV-1849B	129	179.5	
581	PSV-1845A	36	40	
582	PSV-1845B	36	40.5	
583	PSV-6950	23	27	
584	PSV-6965	23	27	
585	FSV-6951	--	27	
586	FSV-6947	--	27	
587	FSV-6949	--	27	
588	FSV-6943	--	27	
589	FSV-6945	--	27	
590	FSV-6942	--	27	
591	FSV-6960	--	27	
592	PSV-6944	5	7	
593	PSV-6963	5	7	
594	03-PSV-78002	--	129	
595	03-PSV-78003	--	132.8	
596	03-PSV-78004	--	116	
597	04-PSV-78002	--	129	
598	04-PSV-78003	--	132.8	
599	04-PSV-78004	--	116	
600	130-PSV-1501	3/4"*1"	10.5	
601	130-PSV-1502	3/4"*1"	11.5	
602	130-PSV-1503	3/4"*1"	10.5	
603	130-PSV-1504	3/4"*1"	10.5	
604	130-PSV-2501	3/4"*1"	10.5	
605	130-PSV-2502	3/4"*1"	10.5	



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606	130-PSV-2503	3/4"*1"	10.5	
607	130-PSV-2504	3/4"*1"	10.5	
608	130-PSV-1604	1.5"*1"	10.5	
609	130-PSV-1601	3/4"*1"	10.5	
610	130-PSV-1606			
611	130-PSV-2604	3/4"*1"	10.5	
612	130-PSV-2601	3/4"*1"	10.5	
613	130-PSV-2606	3/4"*1"	10.5	
614	130-PSV-1735	3/4"*1"	7.5	
615	130-PSV-1732			
616	130-PSV-1731			
617	130-PSV-2735			
618	130-PSV-2732			
619	130-PSV-2731			
620	130-PSV-3401	4"	.1/- .0025	
621	130-PSV-3402	4"	.1/- .0025	
622	130-PSV-3415	1"	0.012	
623	130-PSV-3416	3/4"*1"	7	
624	130-PSV-3417	3/4"*1"	7	
625	130-PSV-3414	3/4"*1"	7	
626	130-PSV-3412	2"	.0065/- .0038	
627	130-PSV-3433	3/4"*1"	7	
628	130-PSV-3501	4"	.1/- .0025	
629	130-PSV-3502	4"	.1/- .0025	
630	130-PSV-3515	1"	0.012	
631	130-PSV-3516	3/4"*1"	7	
632	130-PSV-3517	3/4"*1"	7	
633	130-PSV-3514	3/4"*1"	7	
634	130-PSV-3512	2"	.0065/- .0038	
635	130-PSV-3533	3/4"*1"	7	
636	130-PSV-3601	3/4"*1"	10.5	
637	130-PSV-3602	3/4"*1"	10.5	
638	130-PSV-3603	3/4"*1"	10.5	
639	130-PSV-3604	3/4"*1"	10.5	
640	130-PSV-3605	3/4"*1"	10.5	
641	130-PSV-3701	2"*3"	10.5	
642	130-PSV-3702	2"*3"	10.5	
643	130-PSV-3703	2"*3"	10.5	
644	130-PSV-3704	2"*3"	10.5	
645	130-PSV-3901	1.5"*3"	6.5	
646	130-PSV-1101	1.5"*3"	10.5	
647	130-PSV-1102	2"*4"	34	
648	130-PSV-1103	1.5"*3"	34	
649	130-PSV-1104	1.5"*3"	34	
650	130-PSV-1105	2"*4"	34	
651	130-PSV-1106	1.5"*3"	10.5	
652	130-PSV-1104A	4"*6"	10.5	
653	130-PSV-1104B	4"*6"	10.5	



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654	130-PSV-1105A	1.5"*3"	10.5	
655	130-PSV-1105B	1.5"*3"	10.5	
656	141-PSV-5201	3/4"x1"	3.5	
657	141-PSV-5204	3/4"x1"	3.5	
658	141-PSV-5202	3/4"x1"	20	
659	141-PSV-5206	3/4"x1"	16	
660	141-PSV-5205	3/4"x1"	20	
661	141-PSV-5207	3/4"x1"	16	
662	141-PSV-5203	3/4"x1"	20	
663	142-PSV-5301A	4" x6"	3.5	
664	142-PSV-5301B	4" x6"	3.5	
665	142-PSV-5302	1" x 2"	8	
666	142-PSV-5203	1" x 2"	4	
667	142-PSV-5305	1" x 2"	12	
668	142-PSV-5304	1" x 2"	12	
669	143-PSV-5701A	4" x6"	28	
670	143-PSV-5701B	4" x6"	28	
671	143-PSV-5702A	4" x6"	28	
672	143-PSV-5702B	4" x6"	28	
673	143-PSV-5801A	4" x6"	28	
674	143-PSV-5801B	4" x6"	28	
675	143-PSV-5802A	4" x6"	28	
676	143-PSV-5802B	4" x6"	28	
677	143-PSV-5901A	4" x6"	28	
678	143-PSV-5901B	4" x6"	28	
679	143-PSV-5902A	4" x6"	28	
680	143-PSV-5902B	4" x6"	28	
681	143-PSV-5903	3/4" x1"	36.6	
682	143-PSV-5904	3/4" x1"	49	
683	143-PSV-6001	3/4" x1"	37	
684	143-PSV-6002	3/4" x1"	29.1	
685	143-PSV-6003	3/4" x1"	37	
686	143-PSV-6004	3/4" x1"	29.1	
687	143-PSV-6005	3/4" x1"	37	
688	143-PSV-5501A	4" x6"	6	
689	143-PSV-5501B	4" x6"	6	
690	143-PSV-5502A	4" x6"	6	
691	143-PSV-5502B	4" x6"	6	
692	144-PSV-5503	1"x2"	7	
693	143-PSV-5504	1"x2"	8.5	
694	143-PSV-5505	3/4" x1"	17	
695	143-PSV-5506	3/4" x1"	17	
696	143-PSV-5507A	4" x6"	6	
697	143-PSV-5507B	4" x6"	6	
698	143-PSV-5508A	4" x6"	6	
699	143-PSV-5508B	4" x6"	6	
700	143-PSV-5509A	4" x6"	6	
701	143-PSV-5509B	4" x6"	6	



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702	143-PSV-6201A	4" x6"	22.5	
703	143-PSV-6201B	4" x6"	22.5	
704	143-PSV-6202A	4" x6"	22.5	
705	143-PSV-6202B	4" x6"	22.5	
706	143-PSV-6203A	4" x6"	22.5	
707	143-PSV-6203B	4" x6"	22.5	
708	143-PSV-6204	3/4" x1"	56.9	
709	143-PSV-6301	3/4" x1"	64	
710	143-PSV-6302	3/4" x1"	23.5	
711	143-PSV-6303	3/4" x1"	64	
712	143-PSV-6304	3/4" x1"	31	
713	143-PSV-6401A	4" x6"	22.5	
714	143-PSV-6401B	4" x6"	22.5	
715	143-PSV-6402	3/4" x1"	22.5	
716	143-PSV-6203	3/4" x1"	24.5	
717	143-PSV-6204	3/4" x1"	56.9	
718	143-PSV-6501	3/4" x1"	50.3	
719	143-PSV-6502	3/4" x1"	23.5	
720	143-PSV-6503	3/4" x1"	50.3	
721	143-PSV-6701A	4" x6"	23.5	
722	143-PSV-6701B	4" x6"	23.5	
723	143-PSV-6702A	4" x6"	23.5	
724	143-PSV-6702B	4" x6"	23.5	
725	143-PSV-6801A	4" x6"	23.5	
726	143-PSV-6801B	4" x6"	23.5	
727	143-PSV-6802A	4" x6"	23.5	
728	143-PSV-6802B	4" x6"	23.5	
729	143-PSV-6803A	1.5"x2"	23.5	
730	143-PSV-6803B	1.5"x2"	23.5	
731	143-PSV-6804	3/4" x1"	24	
732	143-PSV-6901	3/4" x1"	56	
733	143-PSV-6902	3/4" x1"	24.5	
734	143-PSV-6903	3/4" x1"	56	
735	143-PSV-7001A	H"XH"	56	
736	143-PSV-7001B	H"XH"	56	
737	143-PSV-7002	H"XH"	H	
738	143-PSV-7101A	4" x6"	23.5	
739	143-PSV-7101B	4" x6"	23.5	
740	143-PSV-7102	3/4" x1"	24	
741	143-PSV-7103	3/4" x1"	24.5	
742	143-PSV-7301	H"XH"	44.6	
743	143-PSV-7302	1" x 2"	6.5	
744	143-PSV-7401A	6" x8"	5.9	
745	143-PSV-7401B	6" x8"	6.9	
746	143-PSV-7402	3/4" x1"	39.8	
747	143-PSV-7403	3/4" x1"	20	
748	143-PSV-7404	1" x2"	6.9	
749	144-PSV-7501	1" x2"	12.7	



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750	144-PSV-7502	1" x2"	14	
751	144-PSV-7503	1" x2"	3.5	
752	144-PSV-7504	1" x2"	14	
753	144-PSV-7601	1" x2"	11.3	
754	144-PSV-7602	1" x2"	7.2	
755	144-PSV-7603	1" x2"	3.5	
756	144-PSV-7604	1" x2"	7.2	
757	144-PSV-7605	1" x2"	7.2	
758	144-PSV-7801	3/4" x1"	15.1	
759	144-PSV-7802	3/4" x1"	3.5	
760	144-PSV-7803	3/4" x1"	9.5	
761	144-PSV-7804	3/4" x1"	9.5	
762	144-PSV-7805	3/4" x1"	5	
763	144-PSV-7901	3/4" x1"	H	
764	144-PSV-7902	3/4" x1"	H	
765	144-PSV-7903	3/4" x1"	H	
766	144-PSV-7904	3/4" x1"	H	
767	144-PSV-8001	1" x2"	3.5	
768	144-PSV-8002	1" x2"	3.5	
769	144-PSV-8003	1" x2"	3.5	
770	147-PSV-8101	1.5" x2"	5.9	
771	147-PSV-8102A	H"XH"	8.5	
772	147-PSV-8102B	H"XH"	8.5	
773	147-PSV-8103A	H"XH"	8.5	
774	147-PSV-8103B	H"XH"	8.5	
775	147-PSV-8201	1" x2"	22.5	
776	147-PSV-8202A	H"XH"	22.5	
777	147-PSV-8202B	H"XH"	22.5	
778	147-PSV-8301	3/4" x1"	22.5	
779	147-PSV-8302	1" x2"	8.5	
780	147-PSV-8303	3/4" x1"	31	
781	147-PSV-8501	2" x2"	0.07	
782	147-PSV-8502	2" x2"	0.07	
783	147-PSV-8503	1" x2"	7.2	
784	147-PSV-8601	3/4" x1"	9.5	
785	151-PSV-8801	1" x2"	39.4	
786	151-PSV-8802A	H"XH"	50	
787	151-PSV-8802B	H"XH"	50	
788	151-PSV-8803A	H"XH"	H	
789	151-PSV-8803B	H"XH"	H	
790	151-PSV-8804A	H"XH"	149	
791	151-PSV-8804B	H"XH"	149	
792	151-PSV-8805	3/4" x1"	7.5	
793	151-PSV-8806	3/4" x1"	7.5	
794	151-PSV-8807	3/4" x1"	7.5	
795	151-PSV-8901A	2" x 3"	149	
796	151-PSV-8901B	2" x 3"	149	
797	151-PSV-8902A	2" x 3"	149	



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798	151-PSV-8902B	2" x 3"	149	
799	151-PSV-8903A	1" x 2"	50	
800	151-PSV-8903B	1" x 2"	50	
801	124-PSV-17	15 NB PIPE	3	
802	124-PSV-18	15 NB PIPE	3	
803	124-PSV-19	15 NB PIPE	3	
804	124-PSV-20	15 NB PIPE	3	
805	124-PSV-21	15 NB PIPE	3	
806	124-PSV-22	15 NB PIPE	3	
807	124-PSV-23	15 NB PIPE	3	
808	124-PSV-24	15 NB PIPE	3	
809	124-PSV-25	15 NB PIPE	3	
810	124-PSV-26	15 NB PIPE	3	
811	124-PSV-27	15 NB PIPE	3	
812	124-PSV-28	15 NB PIPE	3	
813	124-PSV-29	15 NB PIPE	3	
814	124-PSV-30	15 NB PIPE	3	
815	124-PSV-31	15 NB PIPE	3	
816	124-PSV-32	15 NB PIPE	3	
817	124-PSV-1101	3/4" x 1"	7.5	
818	124-PSV-1102	3/4" x 1"	10	
819	124-PSV-1103	3/4" x 1"	10	
820	149-PSV-101			
821	149-PSV-102			
822	149-PSV-103			
823	149-PSV-201	3"		
824	149-PSV-202	3"		
825	149-PSV-203	3"		
826	149-PSV-204	3"		
827	149-PSV-205	3"		
828	149-PSV-206	3"		
829	149-PSV-207			
830	149-PSV-208			
831	149-PSV-209			
832	149-PSV-301			
833	149-PSV-302			
834	149-PSV-303			
835	149-PSV-304			
836	149-PSV-801	3"		
837	149-PSV-802	3"		
838	149-PSV-803	3"		
839	149-PSV-804	3"		
840	149-PSV-805	3"		
841	149-PSV-806	3"		
842	123-PVRV-1501		100MMWC	
843	123-PVRV-1502		100MMWC	
844	118 -PSV -1701A	1.5	44	
845	118 -PSV -1701B	1.5	44	



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846	118 -PSV -1702	0.75	44	
847	118 -PSV -1703A	1	44	
848	118 -PSV -1703B	1	44	
849	118 -PSV -1704A	1.5	7.5	
850	118 -PSV -1704B	1.5	7.5	
851	118 -PSV -1705A	1	44	
852	118 -PSV -1705B	1	44	
853	118 -PSV -1706A	1.5	7	
854	118 -PSV -1706B	1.5	7	
855	118 -PSV -1901	1.5	44	
856	118 -PSV -1902	1.5	44	
857	118 -PSV -2001	1	44	
858	118 -PSV -2002	1	44	
859	118 -PSV -2003	1	44	
860	118 -PSV -2004	1	44	
861	118 -PSV -2101	NA	6	
862	118 -PSV -2102	0.75 NPT (M)	7.5	
863	118 -PSV -2103	1.5	6	
864	118 -PSV -2104	1	6	
865	118 -PSV -2403	1.5	165	
866	118 -PSV -2404A1	1	50	
867	119 -PSV -2404A2	1	50	
868	118 -PSV -2404B1	1	50	
869	119 -PSV -2404B2	1	50	
870	118 -PSV -2405A	2	6	
871	118 -PSV -2405B	2	6	
872	118 -PSV -2425A	1	9	
873	118 -PSV -2425B	1	9	
874	118 -PSV -2426A	1	39	
875	118 -PSV -2426B	1	39	
876	118 -PSV -2427A	1.5	165	
877	118 -PSV -2427B	1.5	165	
878	118 -TRV -2460	0.75 NPT (M)	38	
879	118 -TRV -2461	0.75 NPT (M)	43	
880	118 -TRV -2462	0.75 NPT (M)	38	
881	118 -TRV -2463	0.75 NPT (M)	45	
882	118 -TRV -2464	0.75 NPT (M)	38	
883	118 -PSV -2502	1.5	6	
884	118 -PSV -2701	1.5	6	
885	118 -PSV -2801	1	42	
886	118 -PSV -2802	1	42	
887	118 -PSV -2902	0.75 NPT (M)	7.5	
888	118 -PSV -3301	3	6	
889	118 -PSV -3302A	1.5	175	
890	118 -PSV -3302B	1.5	175	
891	118 -PSV -3401	1.5	6	
892	118 -PSV -3402A	1.5	175	
893	118 -PSV -3402B	1.5	175	



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894	118 -PSV -3501	1	0.5	
895	118 -PSV -3502	1	50	
896	118 -PSV -3504	0.75 NPT (M)	7.5	
897	118 -PSV -3506 /A	1	25	
898	118 -PSV -3506 /B	1	25	
899	118 -PSV -3601	1	50	
900	118 -PSV -3602	1	50	
901	118 -PSV -3605	0.75 NPT (M)	7.5	
902	118 -PSV -3606	0.75 NPT (M)	7.5	
903	118 -PSV -3701	NA	50	
904	118 -PSV -3702	NA	50	
905	118 -PSV -3901A	1.5	38	
906	118 -PSV -3901B	1.5	38	
907	118 -PSV -3971	G 1/2" Female	60	
908	118 -PSV -3972	0.75 NPT (M)	40	
909	118 -PSV -4001	1	38	
910	118 -PSV -4002	1	38	
911	118 -PSV -4101	0.75 NPT (M)	31	
912	118 -PSV -4102	4	38	
913	118 -PSV -4120	1	8	
914	118 -PSV -4122	1	8	
915	118 -PSV -4125A	1	10	
916	118 -PSV -4125B	1	10	
917	118 -PSV -4301A	1.5	6	
918	118 -PSV -4301B	1.5	6	
919	118 -PSV -4302A	1	6	
920	118 -PSV -4302B	1	6	
921	118 -PSV -4303	0.75 NPT (M)	7.5	
922	118 -PSV -4304	1	6	
923	118 -PSV -4401	0.75 NPT (M)	7.5	
924	118 -PSV -4402	0.75 NPT (M)	7.5	
925	118 -PSV -4501	2	-0.05	
926	118 -PVSV -4502	10	0.1 to -0.1	
927	118 -PSV -4503	2	-0.05	
928	118 -PVSV -4504	10	0.1 to -0.1	
929	118 -PSV -4601	0.75 NPT (M)	7.5	
930	118 -PSV -4602	5	1.066	
931	118 -PSV -4603	5	1.066	
932	118 -PSV -4605A	4	0.2	
933	118-PSV -4605B	4	0.2	
934	118 -PSV -4681	0.75 NPT (M)	7.5	
935	118 -PSV -4801	1.5	6	
936	118 -PSV -4833	0.75 NPT (M)	7.5	
937	118 -PSV -4834	0.75 NPT (M)	7.5	
938	118 -PSV -4835	1	8	
939	118 -PSV -4836	1	8	
940	118 -PSV -4837	1	1	
941	118 -PSV -4901	0.75	7.5	



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942	118 -PSV -5001	0.75 NPT (M)	7.5	
943	118 -PSV -5002	4	6	
944	118 -PSV -5102	1	6	
945	118 -PRV -5141	1	12	
946	118 -PRV -5142	1	12	
947	118 -PRV -5143	1	12	
948	118 -PRV -5144	1	12	
949	118 -PSV -5142	0.75	7.5	
950	118 -PSV -5143	0.75	7.5	
951	118 -PSV -5144	0.75	7.5	
952	118 -PSV -5145	0.75	7.5	
953	118 -PSV -5201A	1.5	7.5	
954	118 -PSV -5201B	1.5	7.5	
955	118 -PSV -5202	0.75 NPT (M)	7.5	
956	118 -PSV -5501	0.75 NPT (M)	7.5	
957	118 -PSV -5502	1	6	
958	118 -PSV -5536A	0.75	6	
959	118 -PSV -5536B	0.75	6	
960	118 -PSV -5538A	0.75	3	
961	118 -PSV -5538B	0.75	3	
962	118 -PSV -5532A	1	24	
963	118 -PSV -5532B	1	24	
964	118 -PSV -5537	0.5	24	
965	118 -PSV -5531A	0.75	6	
966	118 -PSV -5531B	0.75	6	
967	118 -PSV -5535A	1.5	8	
968	118 -PSV -5535B	1.5	8	
969	118 -PSV -5533	0.75	7.45	
970	118 -PSV -5534	0.75	7.45	
971	118 -PSV -5601	0.75 NPT (M)	7.5	
972	118 -PSV -5602	0.75 NPT (M)	7.5	
973	118 -PSV -5603	2	6	
974	118 -PSV -5801	1.5	6	
975	118 -PSV -5802	1.5	6	
976	118 -PSV -5901	1.5	6	
977	118 -PSV -5902	1.5	6	
978	118 -PSV -5903	0.75 NPT (M)	7.5	
979	118 -PSV -6001	6	0.76	
980	118 -PSV -6002	6	0.928	
981	118 -PSV -6003	6	0.928	
982	118 -PSV -6004	5	0.897	
983	118 -PSV -6005	5	0.897	
984	118 -PSV -6011	0.75 NPT (M)	7.5	
985	118 -PSV -6012	0.75 NPT (M)	7.5	
986	118 -PSV -6013	0.75 NPT (M)	7.5	
987	118 -PSV -6101	2	0.663	
988	118 -PSV -6150	0.75 NPT (M)	7.5	
989	118 -PSV -6401	NA		



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990	118 -PSV -6411	NA		
991	118 -PSV -6421	2	0.663	
992	118 -PSV -6457	0.75 NPT (M)	7.5	
993	118-RV-112A	3	4.1	
994	118-KA-110 RGC	0.75	7.5	
995	118-KA-110 LOC	0.75	7.5	
996	118-PA-310A	0.75 NPT (M)	37	
997	118-PA-310B	0.75 NPT (M)	37	
998	118-PA-600A	0.75 NPT (M)	6	
999	118-PA-600B	0.75 NPT (M)	6	
1000	118-PA-210	1	5	
1001	118-PRV-3998	3/8"NPTF	50	
1002	111 - PSV - 6503	0.75"X1"	10Kg/Cm ²	
1003	112 - PSV - 2072	0.75"X1"	10Kg/Cm ²	
1004	111 - PSV - 6504	0.75"X1"	10Kg/Cm ²	
1005	111 - PSV - 6509	0.75"X1"	10Kg/Cm ²	
1006	111 - PSV - 6510	0.75"X1"	10Kg/Cm ²	
1007	111 - PSV - 6518	0.75"X1"	7Kg/Cm ²	
1008	111 - PSV - 6517	0.75"X1"	7Kg/Cm ²	
1009	111 - PSV - 6501	0.75"X1"	10Kg/Cm ²	
1010	111 - PSV - 6502	0.75"X1"	10Kg/Cm ²	
1011	112 - PSV - 2071	0.75"X1"	10Kg/Cm ²	
1012	112 - PSV - 1902	0.75"X1"	7.5Kg/Cm ²	
1013	111 - PSV - 6507	0.75"X1"	7Kg/Cm ²	
1014	111 - PSV - 6511	0.75"X1"	7Kg/Cm ²	
1015	111 - PSV - 6516	0.75"X1"	7Kg/Cm ²	
1016	111 - PSV - 6508	0.75"X1"	7Kg/Cm ²	
1017	112 - PSV - 1203	0.75"X1"	7.5Kg/Cm ²	
1018	111 - PSV - 6515	0.75"X1"	7Kg/Cm ²	
1019	111 - PSV - 6510	0.75"X1"	7Kg/Cm ²	
1020	111 - PSV - 6509	0.75"X1"	7Kg/Cm ²	
1021	111 - PSV - 1504	0.75"X1"	7.5Kg/Cm ²	
1022	111 - PSV - 1701	0.75"X1"	7.5Kg/Cm ²	
1023	111 - PSV - 1503	0.75"X1"	7.5Kg/Cm ²	
1024	111 - PSV - 1702	0.75"X1"	7.5Kg/Cm ²	
1025	111 - PSV - 1901	0.75"X1"	7.5Kg/Cm ²	
1026	112 - PSV - 1702	0.75"X1"	7.5Kg/Cm ²	
1027	112 - PSV - 2201	0.75"X1"	7.5Kg/Cm ²	
1028	112 - PSV - 2204	0.75"X1"	7.5Kg/Cm ²	
1029	112 - PSV - 1202	0.75"X1"	7.5Kg/Cm ²	
1030	112 - PSV - 1602	0.75"X1"	7.5Kg/Cm ²	
1031	111 - PSV - 1706	1.5"X3"	7Kg/Cm ²	
1032	111 - PSV - 1705	1.5"X3"	7Kg/Cm ²	
1033	111 - PSV - 5452	1"X2"	66.5Kg/Cm ²	
1034	112 - PSV - 2402	0.75"X1"	7.5Kg/Cm ²	
1035	112 - PSV - 1903	0.75"X1"	7.5Kg/Cm ²	
1036	111 - PSV - 6512	0.75"X1"	7Kg/Cm ²	
1037	112 - PSV - 1204	0.75"X1"	7.5Kg/Cm ²	



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1038	111 - PSV - 6513	0.75"X1"	7Kg/Cm ²	
1039	111 - PSV - 1304	1"X2"	58.6Kg/Cm ²	
1040	111 - PSV - 5453	1"X2"	66.5Kg/Cm ²	
1041	111 - PSV - 1303	1"X2"	58.6Kg/Cm ²	
1042	111 - PSV - 1601	0.75"X1"	7.5Kg/Cm ²	
1043	111 - PSV - 1710	0.5"X1"	7.8Kg/Cm ²	
1044	112 - PSV - 2301	0.75"X1"	7.8Kg/Cm ²	
1045	111 - PSV - 1703	1"X2"	3.5Kg/Cm ²	
1046	111 - PSV - 1704	1"X2"	3.5Kg/Cm ²	
1047	111 - PSV - 1404	0.75"X1"	6.6Kg/Cm ²	
1048	112 - PSV - 4601	1.5"X2"	15Kg/Cm ²	
1049	112 - PSV - 3801	1.5"X2"	15Kg/Cm ²	
1050	111 - PSV - 1405	0.75"X1"	6.6Kg/Cm ²	
1051	111 - PSV - 1406	0.75"X1"	6.6Kg/Cm ²	
1052	112-PA-202	0.75"X1"	7Kg/Cm ²	
1053	112 - PSV - 4603	1"X2"	11Kg/Cm ²	
1054	112 - PSV - 4604	1"X2"	11Kg/Cm ²	
1055	112 - PSV - 3803	1"X2"	11.5Kg/Cm ²	
1056	112 - PSV - 3804	1"X2"	11.5Kg/Cm ²	
1057	112 - PSV - 7801	1"X2"	22.5Kg/Cm ²	
1058	112 - PSV - 1301	1.5"X3"	65Kg/Cm ²	
1059	112 - PSV - 1801	1.5"X3"	62Kg/Cm ²	
1060	112 - PSV - 5901	1.5"X3"	7Kg/Cm ²	
1061	112 - PSV - 5252	1"X2"	6.5Kg/Cm ²	
1062	112 - PSV - 5251	1"X2"	44.6Kg/Cm ²	
1063	112 - PSV - 1506	1"X2"	65Kg/Cm ²	
1064	112 - PSV - 2401A	3"X4"	65Kg/Cm ²	
1065	112 - PSV - 2401B	3"X4"	65Kg/Cm ²	
1066	112 - PSV - 1505B	4"X6"	48Kg/Cm ²	
1067	112 - PSV - 1505C	4"X6"	48Kg/Cm ²	
1068	112 - PSV - 1505A	4"X6"	48Kg/Cm ²	
1069	112 - PSV - 1601B	4"X6"	31.5Kg/Cm ²	
1070	112 - PSV - 1601A	4"X6"	31.5Kg/Cm ²	
1071	112 - PSV - 1351	1.5"X2"	65Kg/Cm ²	
1072	112 - PSV - 5451B	4"X3"	3.5Kg/Cm ²	
1073	112 - PSV - 1201A	4"X6"	65Kg/Cm ²	
1074	112 - PSV - 5253	6"X8"	6.5Kg/Cm ²	
1075	112 - PSV - 1901A	6"X10"	15Kg/Cm ²	
1076	112 - PSV - 1201C	4"X6"	65Kg/Cm ²	
1077	112 - PSV - 2203A	4"X6"	65Kg/Cm ²	
1078	112 - PSV - 1201B	4"X6"	65Kg/Cm ²	
1079	112 - PSV - 2202C	6"X8"	31.5Kg/Cm ²	
1080	112 - PSV - 2202A	6"X8"	31.5Kg/Cm ²	
1081	112 - PSV - 2202B	6"X8"	31.5Kg/Cm ²	
1082	112 - PSV - 1901C	6"X10"	15Kg/Cm ²	
1083	112 - PSV - 2203B	4"X6"	65Kg/Cm ²	
1084	112 - PSV - 8502	0.75"X1"	7.5Kg/Cm ²	
1085	112 - PSV - 8504	0.75"X1"	7.5Kg/Cm ²	



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1086	112 - PSV -8801	0.75"X1"	7.5Kg/Cm ²	
1087	112 - PSV -8503	0.75"X1"	7.5Kg/Cm ²	
1088	112 - PSV -8501	0.75"X1"	7.5Kg/Cm ²	
1089	112 - PSV -8802	0.75"X1"	7.5Kg/Cm ²	
1090	112 - PSV -8203	4"X6"	6.5Kg/Cm ²	
1091	112 - PSV -2207	4"X6"	6.5Kg/Cm ²	
1092	112 - PSV -2208	4"X6"	6.5Kg/Cm ²	
1093	112 - PSV -8204	2"X3"	6.5Kg/Cm ²	
1094	112 - PSV -7701B	3"X4"	22.5Kg/Cm ²	
1095	112 - PSV -7601A	3"X4"	22.5Kg/Cm ²	
1096	112 - PSV -7701A	3"X4"	22.5Kg/Cm ²	
1097	112 - PSV -7804	1.5"X2"	22.5Kg/Cm ²	
1098	112 - PSV -7803	1.5"X3"	22.5Kg/Cm ²	
1099	112 - PSV -7601B	3"X4"	22.5Kg/Cm ²	
1100	112 - PSV -1701	1.5"X3"	22.5Kg/Cm ²	
1101	112 - PSV -2101	3"X4"	31.5Kg/Cm ²	
1102	111 - PSV -1801	1"X2"	9.7Kg/Cm ²	
1103	111 - PSV -1806	1"X2"	9.7Kg/Cm ²	
1104	111 - PSV -1805	1"X2"	9.7Kg/Cm ²	
1105	111 - PSV -1804	1.5"X2"	9.7Kg/Cm ²	
1106	111 - PSV -1102	1"X2"	57Kg/Cm ²	
1107	112 -PSV -1102B	3"X4"	31.5Kg/Cm ²	
1108	112 -PSV -1102A	3"X4"	31.5Kg/Cm ²	
1109	111 - PSV -1401A	4"X6"	6.6Kg/Cm ²	
1110	112 - PSV -1502	2"X3"	65Kg/Cm ²	
1111	112 - PSV -1501	2"X3"	65Kg/Cm ²	
1112	112 - PSV -1802	1.5"X2"	65Kg/Cm ²	
1113	111 - PSV -1501A	4"X6"	3.5Kg/Cm ²	
1114	111 - PSV -1501B	4"X6"	3.5Kg/Cm ²	
1115	112 - PSV -8301	3"X4"	10.7Kg/Cm ²	
1116	112 - PSV -8302	3"X4"	10.7Kg/Cm ²	
1117	112 - PSV -3802	1"X2"	14Kg/Cm ²	
1118	112 - PSV -4602	1"X2"	12Kg/Cm ²	
1119	112 - PSV -1901B	6"X10"	15Kg/Cm ²	
1120	111 - PSV -1101A	4"X6"	57Kg/Cm ²	
1121	111 - PSV -1101C	4"X6"	57Kg/Cm ²	
1122	111 - PSV -1101B	4"X6"	57Kg/Cm ²	
1123	112 - PSV -8201	2"X3"	14.5Kg/Cm ²	
1124	112 - PSV -7802	0.75"X1"	7.5Kg/Cm ²	
1125	111 - PSV -1201	1"X2"	57Kg/Cm ²	
1126	112 - PSV -2302	1.5"X2"	48Kg/Cm ²	
1127	112- PSV -7602	0.75"X1"	7.5Kg/Cm ²	
1128	111 - PSV -6514	0.75"X1"	7Kg/Cm ²	
1129	111 - PSV -1803	1.5"X2"	9.7Kg/Cm ²	
1130	111 - PSV -1401B	4"X6"	6.6Kg/Cm ²	
1131	112 - PSV -2051	2.5"X3"	25Kg/Cm ²	
1132	112 - PSV -5451A	3"X4"	3.5Kg/Cm ²	
1133	112 - PSV -1503	1"X2"	65Kg/Cm ²	



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1134	112 - PSV -1504	1"X2"	65Kg/Cm ²	
1135	111 - PSV -1302	1"X2"	56BAR	
1136	112 - PSV -8701	1"X2"	9.7Kg/Cm ²	
1137	112 - PSV -8702	1"X2"	9.7Kg/Cm ²	
1138	112 - PSV -2001 C	4"X6"	25Kg/Cm ²	
1139	112 - PSV -2001B	4"X6"	25Kg/Cm ²	
1140	112 - PSV -2001A	4"X6"	25Kg/Cm ²	
1141	112 - PSV -7805	1.5"X2"	22.5Kg/Cm ²	
1142	112 - PSV -7806	1"X2"	22.5Kg/Cm ²	
1143	111 - PSV -1802	1"X2"	9.7Kg/Cm ²	
1144	112 - PSV -7702	0.75"X1"	7.5Kg/Cm ²	
1145	112 - PSV -1101	2"X3"	57Kg/Cm ²	
1146	011-PSV-1103	8"/10"	19	
1147	011-PSV-1104	8"/10"	19	
1148	011-PSV-1102	1.5"/3"	19	
1149	011-PSV-1101	1.5"/3"	19	
1150	012-PSV-1103	3"/4"	82.5	
1151	012-PSV-1102	3"/4"	82.5	
1152	012-PSV-1101	1"/2"	82.5	
1153	012-PSV-1105	1.5"/3"	14	
1154	012-PSV-1104	1.5"/3"	14	
1155	012-PSV-1206	1"/2"	11	
1156	012-PSV-1207	1"/2"	11	
1157	012-PSV-1201	3"/4"	11	
1158	012-PSV-1202	3"/4"	11	
1159	012-PSV-1203	1"/2"	11	
1160	012-PSV-1204	1"/2"	11	
1161	012-PSV-1205	1"/2"	11	
1162	012-PSV-1301	1"/2"	88	
1163	012-PSV-1302	1"/2"	88	
1164	013-PSV-3001	1.5"/2"	82.5	
1165	013-PSV-3401	1.5"/2"	82.5	
1166	013-PSV-3402	1"/2"	82.5	
1167	013-PSV-3403	1"/2"	82.5	
1168	021-PSV-1201	1.5"/3"	10.5	
1169	021-PSV-1202	1.5"/3"	10.5	
1170	021-PSV-1203	1.5"/3"	10.5	
1171	021-PSV-1204	1.5"/3"	10.5	
1172	022-PSV-1301A	1"/2"	10	
1173	022-PSV-1302A	1"/2"	10	
1174	022-PSV-1301B	1"/2"	10	
1175	022-PSV-1302B	1"/2"	10	
1176	023-PSV-1401	8"/12"	40	
1177	023-PSV-1402	8"/12"	40	
1178	PSV-101	1"/2"	35	
1179	PSV-102	1"/2"	35	
1180	PSV-103	1"/2"	35	
1181	PSV-104	1"/2"	35	



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1182	PSV-105	1"/2"	35	
1183	PSV-106	1"/2"	35	
1184	012-PSV-P-003	1"/2"	65	
1185	011-PSV-1703A	3"/4"	82.5	
1186	011-PSV-1701A	3"/4"	82.5	
1187	011-PSV-1702A	3"/4"	82.5	
1188	011-PSV-1704A	3"/4"	82.5	
1189	011-PSV-1501A	6"/8"	32	
1190	011-PSV-1502A	6"/8"	32	
1191	011-PSV-1201A	2"/3"	17	
1192	011-PSV-1202A	1.5"/2"	57	
1193	011-PSV-1703B	3"/4"	82.5	
1194	011-PSV-1701B	3"/4"	82.5	
1195	011-PSV-1702B	3"/4"	82.5	
1196	011-PSV-1704B	3"/4"	82.5	
1197	011-PSV-1501B	6"/8"	32	
1198	011-PSV-1502B	6"/8"	32	
1199	011-PSV-1201B	2"/3"	17	
1200	011-PSV-1202B	1.5"/2"	57	
1201	011-PSV-9601A	3"/4"	11.7	
1202	011-PSV-9602A	3"/4"	11.7	
1203	011-PSV-9601B	3"/4"	11.7	
1204	011-PSV-9602B	3"/4"	11.7	
1205	011-PSV-6835A	3"/4"	32	
1206	011-PSV-6835B	3"/4"	32	
1207	011-PSV-1101A	1.5"/3"	33	
1208	011-PSV-1101A	1.5"/3"	33	
1209	011-PSV-1101B	1.5"/3"	33	
1210	011-PSV-1101B	1.5"/3"	33	
1211	011-PSV-6821	1"/2"	33	
1212	011-PSV-6822	1"/2"	33	
1213	011-PSV-6823	1"/2"	33	
1214	011-PSV-6824	1"/2"	33	
1215	011-PSV-6843A	4"/6"	33	
1216	011-PSV-6843B	4"/6"	33	
1217	011-PSV-1101A	1.5"/3"	33	
1218	011-PSV-1102A	1.5"/3"	33	
1219	011-PSV-1103A	1"/2"	7	
1220	011-PSV-1104A	1"/2"	7	
1221	011-PSV-1101A	1"/2"	1	
1222	011-PSV-1101B	1.5"/3"	33	
1223	011-PSV-1102B	1.5"/3"	33	
1224	011-PSV-1103B	1"/2"	7	
1225	011-PSV-1104B	1"/2"	7	
1226	011-PSV-1101B	1"/2"	1	
1227	PSV-640			
1228	PSV-642			
1229	PSV-610			



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1230	PSV-808			
1231	PSV-809			
1232	PSV-811			
1233	PSV-841			
1234	PSV-413			
1235	PSV-414			
1236	11-PSV 1001A	6" 300 x 8" 150	18	
1237	11-PSV 1001B	6" 300 x 8" 150	18	
1238	11-PSV 1002A	6" 300 x 10" 150	13	
1239	11-PSV 1002B	6" 300 x 10" 150	13	
1240	11-PSV 1101A	6" 300 x 10" 150	13	
1241	11-PSV 1101B	6" 300 x 10" 150	13	
1242	11-PSV 1201	1 ½" 300 x 2" 150	26	
1243	11-PSV 1301A	4" 600 x 6" 150	64	
1244	11-PSV 1301B	4" 600 x 6" 150	64	
1245	11-PSV 1361	1" 300 x 2" 150	19	
1246	11-PSV 1401A	4" 900 x 6" 150	76	
1247	11-PSV 1401B	4" 900 x 6" 150	76	
1248	11-PSV 1402	1 ½" 600 x 2½" 150	76	
1249	11-PSV 1403	1 ½" 600 x 2" 150	76	
1250	11-PSV 1404	1 ½" 600 x 2" 150	76	
1251	11-PSV-1405A		65	
1252	11-PSV-1405B		65	
1253	11-PSV 1501	1 ½" 600 x 2½" 150	76	
1254	11-PSV 1502	1 ½" 600 x 2½" 150	76	
1255	11-PSV 1601	1 ½" 300 x 2½" 150	18	
1256	11-PSV 1701A	1" 600 x 2" 150	76	
1257	11-PSV 1701B	1" 600 x 2" 150	76	
1258	11-PSV-1801A		16	
1259	11-PSV-1801B		16	
1260	11-PSV 1842	1" 300 x 2" 150	17.2	
1261	11-PSV 1864	¾" 600 x 1" 150	25	
1262	11-PSV 2002A	3" 300 x 4" 150	26	
1263	11-PSV 2002B	3" 300 x 4" 150	26	
1264	11-PSV-2003		44.6	
1265	11-PSV-2451		6.5	
1266	11-PSV 2401	1" 300 x 3" 150	16	
1267	11-PSV 2501A	1 ½" 300 x 3" 150	19	
1268	11-PSV 2501B	1 ½" 300 x 3" 150	19	
1269	11-PSV 2502A	1 ½" 300 x 3" 150	19	



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		150		
1270	11-PSV 2502B	1 ½" 300 x 3" 150	19	
1271	11-PSV 2503A	1 ½" 300 x 2" 150	19	
1272	11-PSV 2504A	1 ½" 300 x 2" 150	15	
1273	11-PSV 2504B	1 ½" 300 x 2" 150	15	
1274	11-PSV 2701A	¾" 600 x 1" 600	81	
1275	11-PSV 2701B	¾" 600 x 1" 600	81	
1276	051-PSV-1101			
1277	051-PSV-1201	1"600 X 2"150	65	
1278	051-PSV-1302	1"600 X 2"150	65	
1279	051-PSV-1303	1"600x2"150	62.3	
1280	051-PSV-1304	1"600x2"150	62.3	
1281	051-PSV-1401	3"150x 8"150	6.6	
1282	051-PSV-1402	3"150x 8"150	6.6	
1283	051-PSV-1404B	3/4"NPT x 1"NPT	31	
1284	051-PSV-1404C	3/4"NPT x 1"NPT	31	
1285	051-PSV-1404A	3/4"NPT x 1"NPT	31	
1286	051-PSV-1501A	1.5"150 x 3"150	3.5	
1287	051-PSV-1501B	1.5"150 x 3"150	3.5	
1288	051-PSV-1502	1"150 x 2"150	31	
1289	051-PSV-1801	3/4"150 x1"150	2	
1290	051-PSV-1802	3/4"150 x1"150	2	
1291	051-PSV-1901	1"150x2"150	9.9	
1292	051-PSV-1902	1"150x2"150	9.9	
1293	051-PSV-1903	1"150x2"150	9.9	
1294	051-PSV-1904	1"150x2"150	9.9	
1295	051-PSV-1905	1"150x2"150	9.9	
1296	051-PSV-1906	1"150x2"150	9.9	
1297	11-PSV-4001A	2"300x3"150	22.5	
1298	11-PSV-4001B	2"300x3"150	22.5	
1299	11-PSV-4101	1.5"300x3"150	22.5	
1300	11-PSV-4102	1"300x2"150	22.5	
1301	11-PSV-1702	1"300x2"150	22.5	
1302	11-PSV-4302	1"300x2"150	22.5	
1303	11-PSV-4303	1"300x2"150	22.5	
1304	28-PSV-1211A	1.5"150x3"150	3	
1305	28-PSV-1211B	1.5"150x3"150	3	
1306	28-PSV-1212A	1.5"150x3"150	5.3	
1307	28-PSV-1212B	1.5"150x3"150	5.3	
1308	28-PSV-1213A	1.5"150x3"150	10.5	
1309	28-PSV-1213B	1.5"150x3"150	10.5	
1310	28-PSV-1202	1.5"150x3"150	10.5	



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1311	28-TRV-1201	3/4"NPTx 1" NPT	3.5	
1312	28-TRV-1202	3/4"NPTx 1" NPT	3.5	
1313	28-TRV-1203	3/4"NPTx 1" NPT	3.5	
1314	28-TRV-1204A	3/4"NPTx 1" NPT	3.5	
1315	28-TRV-1204B	3/4"NPTx 1" NPT	3.5	
1316	28-TRV-1205	3/4"NPTx 1" NPT	3.5	
1317	44-PSV-9501A	3"300x 4" 150	26	
1318	44-PSV-9501B	3"300x 4" 150	26	
1319	44-PSV-9502A	3"300x 4" 150	26	
1320	44-PSV-9502B	3"300x 4" 150	26	
1321	67-PSV-5523	3"150x4"150	2	
1322	67-PSV-5521	3"150x4"150	1.5	
1323	67-PSV-5515	1"300x2" 150	12.5	
1324	67-PSV-5574A	3"150x4"150	4.9	
1325	67-PSV-5574B	3"150x4"150	4.9	
1326	67-PSV-1120	4"150x6"150	4.8	
1327	67-PSV-1125	3"150x6"150	4.8	
1328	67-PSV-5555	4"150x6"150	4.8	
1329	67-PSV-5556A	3"150x4"150	8.3	
1330	67-PSV-5557A	3"150x4"150	8.3	
1331	67-PSV-5549A	3"150x4"150	9.3	
1332	67-PSV-5540A	3"150x4"150	9.3	
1333	67-PSV-5550A	3"150x4"150	9.3	
1334	67-PSV-5556B	3"150x4"150	8.3	
1335	67-PSV-5557B	3"150x4"150	8.3	
1336	67-PSV-5549B	3"150x4"150	9.3	
1337	67-PSV-5540B	3"150x4"150	9.3	
1338	67-PSV-5550B	3"150x4"150	9.3	
1339	67-PSV-5558	3"150x4"150	1.6	
1340	67-PSV-1110A	1"150x2"150	18	
1341	67-PSV-1110B	1"150x2"150	18	
1342	67-PSV-5590A	1"		
1343	67-PSV-5590B	1"		
1344	27-PSV-1101	1.5"150x2"150	2.8	
1345	27-PSV-1102	1"150x2"150	5.5	
1346	27-PSV-1103	1"150x2"150	9.8	
1347	27-PSV-1104	1"150x2"150	10.5	



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SECTION V

GENERAL CONDITIONS OF CONTRACT

(ATTACHED SEPARATLY)



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 above SOR and not to use any other format. Bidders are required to quote for all the SOR items and quantity. If any bidder does not quote for all items and quantities, their bid shall be considered incomplete and shall not be evaluated.
- 3 Item wise rates for SOR Items should be quoted including all taxes & duties (including WCT if any as per applicable rules) except Service tax.
- 4 Service tax & education cess (if any) shall paid extra at actual as per prevalent Govt. rules and evaluation of bid would be made accordingly.
- 5 Quantities shown in the SOR is tentative which may increase or decrease.
- 6 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 the un-priced bid, bidder must mention as "QUOTED" in the SOR.
- 7 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.
- 8 Contractor shall indicate total cenvatable service tax amount payable under the contract in the format shown above. However, if the services fall under the list of services defined in reverse charge mechanism, then the liability of deposition of service tax to the tax authority by the contractor and the owner shall be dealt in accordance with Notifications issued by Government of India from time to time.
- 9 The bidder is free to quote any other rate of service Tax provided the same must be in line with the provisions of Service Tax Law in India. However, the bidder is requested to ensure applicability of quoted Service Tax as per nature of job before quoting and any difference payable on account of wrong Service rate shall be on the scope of the bidder.
- 10 In case a bidder does not indicate the rate & amount of service tax in the SOR or makes any other statement (e.g. "NIL", "Inclusive", "Kept as Blank" ,extra at actual etc.), their quoted price shall be considered inclusive of service tax at the rate applicable at the time of bid opening and the job shall be awarded accordingly to the L-1 bidder after reduction of the applicable service tax amount ascertained in this regard.
- 11 In case the bidder quotes any other rate which is less than prevailing rate as per service tax rules by virtue of any abatement/ exemption then the bidder shall make note of such abatement/ exemption in SOR, else their quoted price shall be evaluated after loading of service tax at the rate applicable without any abatement at the time of bid opening instead of lower rate of service tax as quoted by the bidder.
- 12 In case the applicable amount towards 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.
13. 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.
14. 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.



ब्रह्मपुत्र क्रेकर और पालीमेर लिमिटेड

(भारत सरकार का उपक्रम)

Brahmaputra Cracker and Polymer Ltd.

(A Government of India Enterprise)

15. Whether Service Tax is to be paid on deemed service portion as per percentage prescribed, the bidder(s) shall indicate the percentage (presently 70%/100%) of the gross works contract value on which Service Tax is applicable.
16. 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.
17. The fair market value of Free Issue Material (FIM) and services, wherever applicable, are indicated in the Bidding Documents. Free Issue Material will not consider for determination of taxable value of Service.
18. 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 per format in SOR
19. 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.
20. The benefit of Cenvat credit of service tax quoted shall be considered for evaluation of bids.



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SECTION-VI UNPRICED SOR (BIDDER NEED TO MENTION 'QUOTED' IN UNPRICED SOR)

SL No	DESCRIPTION	UOM	SOR QUANTITY	Unit Rate (Rs)	Total Amount (Rs)
	A		B		
1	Testing(Set Pressure Test, Back Pressure Test as per ASME and Seat Leakage Test as per API 527) of Conventional/Balance/Vacuum Type PSVs of size				
1.1	Below 1"(both Threaded and Flanged)	EA	96		
1.2	From 1" to below 2"(both Threaded and Flanged)	EA	105		
1.3	From 2" to below 4"	EA	72		
1.4	From 4" to below 6"	EA	52		
1.5	From 6" to below 8"	EA	22		
1.6	From 8" to 10"	EA	3		
2	Overhauling and Lapping of all types of PSVs for size as per scope of work and SCC				
2.1	Below 1"(both Threaded and Flanged)	EA	155		
2.2	From 1" to below 2"(both Threaded and Flanged)	EA	146		
2.3	From 2" to below 4"	EA	72		
2.4	From 4" to below 6"	EA	39		
2.5	From 6" to below 8"	EA	15		
2.6	From 8" to 10'	EA	1		
3	Certificate of PSVs as per SMPV Rule	EA	55		
	Sub-Total (1+2)				
	Service Tax				
	Grand Total (Incl. of service tax)				



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SECTION-VI PRICED SOR (BIDDER NEED TO QUOTE IN PRICED SOR)

SL No	DESCRIPTION	UOM	SOR QUANTITY	Unit Rate (Rs)	Total Amount (Rs)
	A		B		
1	Testing(Set Pressure Test, Back Pressure Test as per ASME and Seat Leakage Test as per API 527) of Conventional/Balance/Vaccum Type PSVs of size				
1.1	Below 1"(both Threaded and Flanged)	EA	96		
1.2	From 1" to below 2"(both Threaded and Flanged)	EA	105		
1.3	From 2" to below 4"	EA	72		
1.4	From 4" to below 6"	EA	52		
1.5	From 6" to below 8"	EA	22		
1.6	From 8" to 10"	EA	3		
2	Overhauling and Lapping of all types of PSVs for size as per scope of work and SCC				
2.1	Below 1"(both Threaded and Flanged)	EA	155		
2.2	From 1" to below 2"(both Threaded and Flanged)	EA	146		
2.3	From 2" to below 4"	EA	72		
2.4	From 4" to below 6"	EA	39		
2.5	From 6" to below 8"	EA	15		
2.6	From 8" to 10'	EA	1		
3	Certificate of PSVs as per SMPV Rule	EA	55		
	Sub-Total (1+2)				
	Service Tax@...%				
	Grand Total (Incl. of service tax)				

NB-Considering the nature of job in this case, Service tax is applicable on 70% of the amount. However bidders may quote any other rates if deemed applicable. Service tax is payable on submission of proper invoice.