



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.: DIBRUGARH, ASSAM
PIN CODE: 786006
PHONE NO. 0373 2914636

e-TENDER NO: BCPL/C&P/LE19C044SD/02598
Dated 31.01.2020

e-TENDER DOCUMENT FOR

**“MODIFICATION WORKS OF EXISTING 5KW
SOLAR SYSTEM AT SV STATION – 3 OF
LEPETKATA- LAKWA PIPE LINE OF BCPL”**

Tender Submission Date & Time	:	17.02.2020 at 14:30 Hrs
Tender Opening Date & Time	:	18.02.2020 at 15:00 Hrs
EMD Amount	:	NOT APPLICABLE

Contact Person:- SAMRAT DUTTA

Administrative Building
BCPL Project Site, Lepetkata
Dibrugarh-786006, Assam.
sdutta@bcplindia.co.in
0373-0373-2914582 / 2914636



IMPORTANT INSTRUCTIONS

PLEASE NOTE THAT THIS "REQUEST FOR QUOTATION [RFQ]" IS ON "ZERO-DEVIATION" BASIS. BCPL WILL ACCEPT OFFERS BASED ON TERMS AND CONDITIONS OF THIS "REQUEST FOR QUOTATION [RFQ] & TENDER DOCUMENT" ONLY. DEVIATION TO TERMS AND CONDITIONS OF "REQUEST FOR QUOTATION [RFQ] & TENDER DOCUMENT" MAY LEAD TO REJECTION OF OFFER.

"INCOMPLETE BIDS SHALL NOT BE CONSIDERED"

PRIOR TO DETAILED EVALUATION, PURSUANT TO "BID EVALUATION AND REJECTION CRITERIA", BCPL WILL DETERMINE THE SUBSTANTIAL RESPONSIVENESS OF EACH BID TO THE "RFQ & TENDER DOCUMENT". FOR THE PURPOSE OF THIS, A SUBSTANTIALLY RESPONSIVE BID IS ONE WHICH CONFORMS TO ALL THE TERMS AND CONDITIONS OF THE BIDDING DOCUMENTS WITHOUT 'DEVIATIONS' OR 'RESERVATIONS / EXCEPTIONS'. BCPL'S DETERMINATION OF A BID'S RESPONSIVENESS IS BASED ON THE CONTENT OF THE BID ITSELF, WITHOUT RECOURSE TO EXTRINSIC EVIDENCE.

'TECHNICAL' AND/OR 'COMMERCIAL' QUERY(S), IF REQUIRED, MAY BE RAISED ON THE BIDDER(S) – THE DECISION FOR WHICH WILL BE SOLELY BASED ON CIRCUMSPECTION BY 'BRAHMAPUTRA CRACKER AND POLYMER LIMITED'. HOWEVER, ISSUANCE OF REQUEST FOR SUCH 'CLARIFICATIONS' SHALL NOT BE RESORTED TO MORE THAN 'ONCE'. 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 "RFQ & TENDER DOCUMENT", AND SUBMIT ALL REQUISITE DOCUMENTS AS MENTIONED IN THIS "RFQ & TENDER DOCUMENT", FAILING WHICH YOUR OFFER WILL BE LIABLE FOR REJECTION.



TENDER NO: BCPL/C&P/LE19C044SD/02598 FOR “MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL”

FAQ

[QUESTIONS AND ANSWERS]

SL NO.	QUESTIONS	ANSWER
1	Where the bidder can see the Tender floated by BCPL?	Yes, please visit GAIL's/BCPL's website: http://www.gailtenders.in ; http://www.bcplonline.co.in for complete details of tender document including qualifying requirements, important dates, etc.
2	Whether Hard copies of Bids are acceptable?	Yes
3	Whether EMD are prerequisite for qualification of bidder in any tender?	Yes, as applicable as per tender condition specified in ITB of tender document.
4	Is there any guideline / instructions how to prepare EMD and Security Deposit?	Yes, Please refer ITB Section of Tender Document.
5	Is there any exemption in submission of EMD and Security Deposit?	(i) Yes, there is exemption in submission of EMD. As per Government of India, Gazette No. 503 dated 26.03.2012 for PPP (Public Procurement Policy), Micro and Small Enterprises (MSEs) registered with District Industries Centre 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 MSME (Micro, Small and Medium Enterprises) are exempted on submission of EMD only for procurement of goods & services against submission of Valid NSIC Certificate/DIC 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. MSEs those having Udyog Aadhaar Memorandum are also eligible for availing the benefits under the Public Procurement Policy”. (ii) There is no exemption in submission of SD (Security Deposit).
6	Whether PSU (Public Sector Undertaking) are exempted from submission of EMD	Yes
7	If in TENDERING, a bidder has not uploaded the scanned copy of EMD, however, he has submitted the EMD in hard copy within 7days of bid opening, whether bid will be accepted or not ?	No
8	Whether Late bid can be considered?	No
9	Whether Pre-bid Meeting (PBC) is a part of all tenders to clarify the doubts, queries, comments, etc (if any) pertaining to that tender?	Yes, after floating of tender, bidders are open to participate as per the Date, Time and Venue specified in Section-I, IFB of Tender Document to clarify their doubts, queries, comments, etc (if any) pertaining to that particular tender.
10	Is BEC (Bid Evaluation Criteria / Bidder's Eligibility Criteria) a part of any tender and a prerequisite of qualification of bidder in any tender?	Yes, Bid Evaluation Criteria/Bidder's Eligibility Criteria is a part of tender and a prerequisite of qualification of bidder in any tender.



11	In which mode of bidding/tendering, BEC (Bid Evaluation Criteria / Bidder's Eligibility Criteria) a part of tender and a prerequisite of qualification of bidder in any tender?	BEC is included in tenders floated on Open Tender/Limited Tender basis.
12	Is there any Criteria for formulation of BEC (Bid Evaluation Criteria / Bidder's Eligibility Criteria) which is incorporated in Tender?	Yes, suitable BEC-technical is formulated which is usually incorporated in tender to ascertain the experience & BEC-Financial is also incorporated in tender to ascertain the financial capability of bidder which is a qualifying criteria of tender depending upon the job requirement.
13	Whether BEC can be relaxed for any bidder after opening of Bids?	No relaxation is permitted for inclusion of any bidder (s) who do not meet the criteria in entirety for reason only to increase the competition.
14	Whether BEC can be modified after opening of Bids?	Amendment/ modification/ relaxation of BEC is not permitted after opening of the bids.
15	In which case mobilization advance is given and incorporated in payment term of tender document?	Mobilization advance invariably not allowed in any tender. Only in exceptional cases (like high value tender with specific reason and specific job requirement) are allowed but with interest bearing as per PLR Rate of SBI interest rate of base rate of SBI plus 6.25%.



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SECTION – I

INVITATION FOR BIDS [IFB]



SECTION – I
INVITATION FOR BID [IFB]

To,

Dt. 31.01.2020

PROSPECTIVE BIDDERS

SUB: “MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL”.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Dear Sir/Madam,

1.0 Brahmaputra Cracker and Polymer Limited, Lepetkata (A Government of India Enterprise) invites bids from eligible bidders for the subject procurement, in complete accordance with the following details and enclosed Tender Documents.

2.0 The brief details of the tender are as under:

I	PERIOD OF CONTRACT/ DELIVERY SCHEDULE/PERIOD	:	Material to be delivered within 04 weeks and commissioning to be completed as per SCC within 6 weeks from date of issuance of PO.
II	Tender Fee	:	NOT APPLICABLE
III	EARNEST MONEY DEPOSIT (EMD)	:	NOT APPLICABLE
IV	BID DUE DATE & TIME	:	17.02.2020 up to 14:30 Hrs
V	OPENING OF UNPRICED BID	:	18.02.2020 at 15:00 Hrs.
VI	VALIDITY OF OFFER UPTO	:	90 DAYS from the date of opening of unpriced bid.
VII	VENUE FOR OPENING OF UNPRICED BIDS	:	Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), C&P Department, Administrative Building, PO: Lepetkata, Distt.: Dibrugarh, Assam, Pin Code:786006, Phone no. 0373 2914636.
VIII	MODE OF TENDERING	:	Limited Domestic Competitive Bidding through e-Mode (Under Two Bid System Basis)
IX	DATE AND TIME OF PRE- BID CONFERENCE VENUE	:	NA Brahmaputra Cracker and Polymer Limited, C&P Department, Administrative Building, PO: Lepetkata, Distt.: Dibrugarh, Assam, Pin Code:786006, Phone no. 0373 2914636.



In case of the days specified above happens to be a holiday in BCPL, the next working day shall be implied.

- 3.0 Bids must be submitted strictly in accordance with Clause No. 11 of ITB depending upon Type of Tender as mentioned at Clause no. 2.0 (VIII) of IFB. The IFB is an integral and inseparable part of the bidding document.
- 4.0 As the instant tender is through Manual Bids, bids complete in all respect should reach at the address specified in Bid Data Sheet (BDS) on or before the due date & time. Bids received after the due date and time is liable to be rejected.
- 5.0 Bidder(s) are advised to quote strictly as per terms and conditions of the tender documents and not to stipulate any deviations/exceptions.
- 6.0 Any bidder, who meets the Bid Evaluation Criteria (BEC)/Bidder's Eligibility Criteria(BEC) and wishes to quote against this tender, may download the complete bidding document along with its amendment(s) if any from GAIL's website/BCPL's website (<http://gailtenders.in>; <http://www.bcplonline.co.in> or <http://tenders.gov.in>) and submit their Bid complete in all respect as per terms & conditions of Tender Document on or before the due date of bid submission.
- 7.0 Offer(s) received from bidders to whom tender/information regarding tender has been issued as well as offers received from the bidder(s) by downloading tender document from GAIL's web site/BCPL's website shall be taken into consideration for evaluation & award provided that the bidders are found responsive.
- 8.0 Clarification(s)/Corrigendum(s) if any shall also be available on above referred websites.
- 9.0 All the bidders including those who are not willing to submit their bid are required to submit F-11 (Acknowledgement cum Consent letter) duly filled within 7 days from receipt of tender information.



- 10.0 SAP generated RFQ (if any) shall also form an integral part of the Tender Document.
- 11.0 BCPL reserves the right to reject any or all the bids received at its discretion without assigning any reason whatsoever.

This is not an Order.

For & on behalf of
Brahmaputra Cracker and Polymer limited

[Samrat Dutta]
SR. MANAGER [C&P]
Ph: +91-0373-2914635; E-mail: sdutta@bcplindia.co.in;



SECTION-II

BID EVALUATION CRITERIA [BEC]

AND

PRICE BID EVALUATION METHODOLOGY



Relaxed Norms for Startups (prior experience criteria):

Prior experience for 'Startup' company [whether Micro & Small Enterprises (MSEs) or otherwise] as a bidder, shall not be required subject to meeting the quality and technical specifications (scope of work, if any) as specified in the tender document.

For availing the above relaxation, bidder is required to upload / submit the requisite certificate towards Startup Enterprise Registration issued by Department of Industrial Policy and Promotion, Ministry of Commerce & Industry, Govt. of India and the certificate should be 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.

Further, bidder as a 'Startup' Company to meet the above criteria, at least one of the Promoter must have experience in Supply of printer cartridges in any Govt. / Semi Govt. / PSU / MNC / Public Ltd. Company / Pvt. Ltd. Company in India.

If a Startup company [whether Micro & Small Enterprises (MSEs) or otherwise] as a bidder gets qualified without any prior experience & turnover criteria as mentioned above and emerges as lowest evaluated bidder (L1), the purchase order on such Startup shall be placed for entire tendered quantity.

Methodology for Evaluation of Bids:

- (a) The Evaluation of all Techno-Commercially qualified bids shall be done on overall L1 basis including applicable **GST (CGST & SGST/ UTGST or IGST)** and the input credit of **GST (CGST & SGST/UTGST or IGST)** shall be considered for evaluation of bids.
- (b) If a Startup company [whether Micro & Small Enterprises (MSEs) or otherwise] as a bidder gets qualified without any prior experience & turnover criteria as mentioned above and emerges as lowest evaluated bidder (L1), the purchase order on such Startup shall be placed for entire tendered quantity.

[However, before supplying the total quantity, the Startup Enterprise shall first demonstrate its performance by supplying 10% of total ordered quantity [rounded off to the next higher digit in terms of Unit of Measurement (UoM), wherever required] and only after successful execution of this quantity, the balance 90% quantity will be cleared for supply. In case, the demonstration of performance fails, the entire order will be cancelled without any financial implication on either side].

- (c) In case of **a tie** at the lowest bid (L1) position between two or more Startup / non-Startup bidders, then purchase order shall be placed on the bidder who has higher /



highest turnover in last audited financial year.

- (d) *In case, there is a tie at the lowest bid (L1) position between only Startup bidders and none of them has past turnover, the purchase order shall be placed on the Startup who is registered earlier with Department of Industrial Policy and Promotion, Ministry of Commerce & Industry, Govt. of India.*
- (e) *Startups are exempted from submission of **EMD**.*

PPP Policy 2012

Considering the nature of job, splitting of quantities will not be possible in this case and hence the clause for award of 25 % of ordered quantity to MSE as per PPP 2012 is not possible. Therefore, MSE quoting price within price band L1 (other than MSE) + 15%, may be awarded for full/ complete services of tendered value subject to matching of L1 price as per ITB of tender document. In case two or more MSE bidders comes within the price band of L1 + 15%, the preference to match the L1 rate shall be given in sequence of their inter-se position (L2, L3... and so on).



SECTION-III

INSTRUCTION TO BIDDERS [ITB]

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



SECTION-III

INSTRUCTION TO BIDDERS

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SECTION-III
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/ downloaded from website, offers submitted by such bidders shall not be considered for opening/ evaluation/Award and will be returned immediately to such bidders.

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:

- (i) 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
- (ii) 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.

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**

- 5.2.1 Tender Fee, if applicable, will be acceptable in the form of 'crossed payee accounts only' Demand Draft/ Banker's Cheque payable to BCPL. The Tender Fee is to be submitted along with the bid. Offers sent without payment of requisite Tender Fee will be ignored straightaway.
- 5.2.2 SMEs (Small & Micro Enterprises) are exempted from submission of Tender Fee in accordance with the provisions of Public Procurement Policy for MSE- 2012 and Clause 40 of ITB. The Government Departments/PSUs are also exempted from the payment of tender fee.
- 5.2.3 In the event of a particular tender being cancelled, the tender fee will be refunded to the concerned bidders without any interest charges. No plea in this regard shall be entertained by the Owner.

6 **SITE VISIT-NOT APPLICABLE**

[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 : BID EVALUATION CRITERIA [BEC] & Price Evaluation Methodology
 - Section-III : Instructions to Bidders [ITB]
Annexure
Forms & Format
 - Section-IV : General Conditions of Contract [GCC]
 - Section-V : Special Conditions of Contract [SCC]
 - Section-VI : Scope of Work[SOW] and Technical Specification [TS]
 - Section-VII : Schedule of Rates

*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 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 uploaded on GAIL's/BCPL's tendering web site [<http://gaintenders.in>; <http://www.bcplonline.co.in> and [Government Website](#)] / 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 may be hosted on GAIL's/BCPL's website [<http://gaintenders.in>; <http://www.bcplonline.co.in> and [Government Website](#)] /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:
- (a) 'Covering Letter' on Bidder's 'Letterhead' clearly specifying the enclosed contents and Earnest Money Deposit (EMD).
 - (b) 'Bidder's General Information', as per 'Form F-1'.
 - (c) 'Bid Form', as per 'Form F-2'



- (d) Copies of documents, as required in 'Form F-3'
- (e) As a confirmation that the prices are quoted in requisite format complying with the requirements copy of Schedule of Rate (SOR: Part – I) with prices blanked out mentioning quoted / not quoted (as applicable) written against each item.
- (f) 'Letter of Authority' on the Letter Head, as per 'Form F-5'
- (g) 'No Deviation Confirmation', as per 'Form F-6'
- (h) 'Bidder's Declaration regarding Bankruptcy', in 'Form F-7'
- (i) 'Certificate for Non-Involvement of Government of India ' from Bidder, as per 'Form F-8'
- (j) 'Agreed Terms and Conditions', as per 'Form F-10'
- (k) 'ACKNOWLEDGEMENT CUM CONSENT LETTER', as per 'Form F-11'
- (l) Duly attested documents in accordance with the "BID EVALUATION CRITERIA [BEC]" establishing the qualification.
- (m) Undertaking on the Letter head, as per the Form F-12.
- (n) 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.
- (o) Any other information/details required as per Bidding Document
- (p) All forms and Formats including Annexures.
- (q) Tender Document duly signed/ digitally signed by the Authorized Signatory.
- (r) 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 (SOR : Part – II) 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.
- 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 except **GST (CGST & SGST/UTGST or IGST)**.
- 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, General Conditions of Contract ("GCC"), Special Conditions of Contract ("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 Contractor under the Contract, or for any other cause except final **GST (CGST & SGST/ UTGST or IGST)** shall be included in the rates / prices and the total bid-price submitted by the Bidder. Applicable rate of **GST (CGST & SGST/ UTGST or IGST)** on the contract value shall be indicated in Agreed Terms & Conditions (Format-F10) and SOR.
- 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 due 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.
- 12.7 **Further, Bidder shall also mention the Service Accounting Codes (SAC) at the designated place in SOR.**

13 **GST (CGST & SGST/ UTGST or IGST):**

- 13.1 Bidders are required to submit copy of the **GST** Registration Certificate while submitting the bids wherever **GST (CGST & SGST/UTGST or IGST)** is applicable.



- 13.2 Quoted prices should be inclusive of all taxes and duties, except **GST (CGST & SGST or IGST or UTGST)**. Please note that the responsibility of payment of **GST (CGST & SGST or IGST or UTGST)** lies with the Supplier of Goods / Services only. Supplier of Goods / Services (Service Provider) providing taxable service shall issue an Invoice/ Bill, as the case may be as per rules/ regulation of **GST**. Further, returns and details required to be filled under **GST** laws & rules should be timely filed by Supplier of Goods / Services (Service Provider) with requisite details.

Payments to Service Provider for claiming **GST (CGST & SGST/UTGST or IGST)** 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 **GST (CGST & SGST/UTGST or IGST)** collected from Owner.

- 13.3 In case CBEC (Central Board of Excise and Customs)/ any equivalent government agency brings to the notice of GAIL that the Supplier of Goods / Services (Service Provider) has not remitted the amount towards **GST (CGST & SGST/UTGST or IGST)** collected from BCPL to the government exchequer, then, that Supplier of Goods / Services (Service Provider) 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 **GST (CGST & SGST/UTGST or IGST)**, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods / Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision.

Beyond the contract period, in case BCPL is not entitled for input tax credit of **GST (CGST & SGST/UTGST or IGST)**, then any increase in the rate of **GST (CGST & SGST/UTGST or IGST)** beyond the contractual delivery period shall be to Service Provider's account whereas any decrease in the rate **GST (CGST & SGST/UTGST or IGST)** shall be passed on to the Owner.

Beyond the contract period, in case BCPL is entitled for input tax credit of **GST (CGST & SGST/UTGST or IGST)**, then statutory variation in applicable **GST (CGST & SGST/UTGST or IGST)** on supply and on incidental services, shall be to BCPL's account.

Claim for payment of **GST (CGST & SGST/UTGST or IGST)**/ Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) **GST (CGST & SGST/UTGST or IGST)**, otherwise claim in respect of above shall not be entertained for payment of arrears.

The base date for the purpose of applying statutory variation shall be the Bid Due Date.



13.5 Where the BCPL is entitled to avail the input tax credit of **GST (CGST & SGST/UTGST or IGST)**:-

13.5.1 Owner/BCPL will reimburse the **GST (CGST & SGST/UTGST or IGST)** to the Supplier of Goods / Services (Service Provider) at actuals against submission of Invoices as per format specified in rules/ regulation of GST to enable Owner/BCPL to claim input tax credit of **GST (CGST & SGST/UTGST or IGST)** paid. In case of any variation in the executed quantities, the amount on which the **GST (CGST & SGST/UTGST or IGST)** is applicable shall be modified in same proportion. Returns and details required to be filled under GST laws & rules should be timely filed by supplier with requisite details.

13.5.2 The input tax credit of **GST (CGST & SGST/UTGST or IGST)** quoted shall be considered for evaluation of bids, as per evaluation criteria of tender document.

13.6 Where the BCPL is not entitled to avail/take the full input tax credit of GST (CGST & SGST/UTGST or IGST):-

13.6.1 Owner/BCPL will reimburse **GST (CGST & SGST/UTGST or IGST)** to the Supplier of Goods / Services (Service Provider) at actuals against submission of Invoices as per format specified in rules/ regulation of GST subject to the ceiling amount of **GST (CGST & SGST/UTGST or IGST)** as quoted by the bidder, subject to any statutory variations, except variations arising due to change in turnover. In case of any variation in the executed quantities (If directed and/or certified by the Engineer-In-Charge) the ceiling amount on which **GST (CGST & SGST/UTGST or IGST)** is applicable will be modified on pro-rata basis.

13.6.2 The bids will be evaluated based on total price including applicable **GST (CGST & SGST/UTGST or IGST)**.

13.7 BCPL will prefer to deal with registered supplier of goods/ services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet.

However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable **GST (CGST & SGST/UTGST or IGST)** while evaluation of bid. Where BCPL is entitled for input credit of **GST (CGST & SGST/UTGST or IGST)**, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

13.8 In case BCPL is required to pay entire/certain portion of applicable **GST (CGST & SGST/UTGST or IGST)** and remaining portion, if any, is to be deposited by Bidder directly as per **GST (CGST & SGST/UTGST or IGST)** laws, entire applicable rate/amount of **GST (CGST & SGST/UTGST or IGST)** to be indicated by bidder in the SOR.

Where BCPL has the obligation to discharge **GST (CGST & SGST/UTGST or IGST)** liability under reverse charge mechanism and BCPL has paid or is /liable to pay **GST (CGST & SGST/UTGST or IGST)** to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to BCPL or ITC with respect to such payments is not available to BCPL for any reason which is not attributable to BCPL, then BCPL shall be entitled to deduct/ setoff / recover such amounts against any amounts paid or payable by BCPL to Contractor / Supplier.



- 13.9 Contractor shall ensure timely submission of invoice(s) as per rules/ regulations of GST with all required supporting document(s) within a period specified in Contracts/ LOA to enable BCPL to avail input tax credit. Further, returns and details required to be filled under GST laws & rules should be timely filed by supplier with requisite details.

If input tax credit with respect to **GST (CGST & SGST/UTGST or IGST)** is not available to BCPL for any reason which is not attributable to BCPL, then BCPL shall not be obligated or liable to pay or reimburse **GST (CGST & SGST/UTGST or IGST)** charged in the invoice(s) and shall be entitled to / deduct/ setoff /recover the such **GST (CGST & SGST/UTGST or IGST UTGST)** thereupon together with all penalties and interest if any, against any amounts paid or payable by BCPL to Supplier of Goods / Services.

13.10 **ANTI-PROFITEERING CLAUSE:**

As per Clause 171 of GST Act it is mandatory to pass on the benefit due to reduction in rate of tax or from [input tax credit](#) to the consumer by way of commensurate reduction in prices. The Supplier of Goods / Services may note the above and quote their prices accordingly.

13.11 In case the GST rating of vendor on the GST portal / Govt. official website is negative / black listed, then the bids may be rejected by BCPL. Further, in case rating of bidder is negative / black listed after award of work for supply of goods / services, then BCPL shall not be obligated or liable to pay or reimburse GST to such vendor and shall also be entitled to deduct / recover such GST along with all penalties / interest, if any, incurred by BCPL.

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 - : NOT APPLICABLE IN THIS CASE**

(THE ORIGINAL DEMAND DRAFT OR BANK GUARANTEE SHALL BE FORWARDED TO BCPL. THE ORIGINAL HARDCOPY OF DEMAND DRAFT OR BANK GUARANTEE OF EMD HAS TO BE



REACHED BCPL ON OR BEFORE 7 DAYS AFTER OPENING OF UN PRICE BID. OTHERWISE THE BID SHALL BE REJECTED.)

- 16.1 Bids must be accompanied with '**Earnest Money / Bid Security**' in the form of '**Demand Draft**' or '**Banker's Cheque**' [in favor of Brahmputra Cracker & Polymer Ltd., payable at Dibrugarh, Assam] or '**Bank Guarantee**' as per the format given in **Form -4 of the bidding documents**. Bidders shall ensure that 'Bid Security', having a validity of at least 'two [02] months' beyond the validity of the bid, must accompany the Bid in the format(s) made available in the Bidding Document. Bid not accompanied with 'Bid Security', or 'Bid Security' not in requisite form shall be liable for rejection. The Bid Security shall be submitted in Indian Rupees only.
- 16.2 The 'Bid Security' is required to protect BCPL against the risk of Bidder's conduct, which would warrant the 'Bid Security's' forfeiture, pursuant to "ITB: Clause-16.7"
- 16.3 BCPL shall not be liable to pay any Bank charges, commission or interest etc. on the amount of 'Bid Security'. In case 'Bid Security' is in the form of a 'Bank Guarantee', the same shall be from any Indian scheduled Bank or a branch of an International Bank situated in India and registered with 'Reserve Bank of India' as Scheduled Foreign Bank. However, in case of 'Bank Guarantee' from Banks other than the Nationalized Indian Banks, the Bank must be commercial Bank having net worth in excess of Rs. 100 Crores [Rupees One Hundred 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. 'Earnest Money / Bid Security' shall be valid for 'two [02] months' beyond the 'Bid Validity Period'
- 16.4 Any Bid not secured in accordance with "ITB: Clause-16.1 & Clause-16.3" may be rejected by BCPL as non-responsive.
- 16.5 **Unsuccessful Bidder's 'Earnest Money / Bid Security' will be discharged/ returned as promptly as possible, but not later than 'thirty [30] days' after finalization of tender.**
- 16.6 The successful Bidder's 'Bid Security' will be discharged upon the Bidder's acknowledging the 'Award' and signing the 'Agreement' and furnishing the 'Contract Performance Security / Security Deposit' pursuant to clause 37 & 38 of ITB.
- 16.7 Notwithstanding anything contained herein, the 'Bid Security' may also be forfeited in any of the following cases:
- (a) If a Bidder withdraws his Bid during the 'Period of Bid Validity'
 - (b) If a Bidder has indulged in corrupt/fraudulent /collusive/coercive practice
 - (c) If the Bidder modifies bids during the period of bid validity (after submission date).
 - (d) Violates any other condition, mentioned elsewhere in the tender document, which may lead to forfeiture of EMD.
 - (e) In the case of a successful Bidder, if the Bidder fails to:



- (i) to acknowledge receipt the "Notification of Award" / "Fax of Intent [FOI]/ Fax of Acceptance[FOA]",
- (ii) to furnish "Contract Performance Security / Security Deposit", in accordance with "ITB: Clause-38"
- (iii) to accept 'arithmetical corrections' as per provision of the clause 30 of ITB.

16.8 In case Bid Security is in the form of 'Bank Guarantee' or 'Letter of Credit', the same must indicate the Bid Document No. and the Work for which the Bidder is quoting. This is essential to have proper correlation at a later date. The 'Bid Security' should be in the form provided at 'Form F-4'/'Form F-4A'.

16.9 **MSEs (Micro & Small Enterprises) are exempted from submission of EMD/Bid Security** in accordance with the provisions of PPP-2012 and Clause 40 of ITB. The Government Departments/PSUs are also exempted from the payment of Bid Security.

17 PRE-BID MEETING (IF APPLICABLE)

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 uploaded on GAIL's/BCPL's website against the Tender. 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 unamended 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



- 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

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 unopened 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 in received by BCPL prior to the deadline for submission of bid.

24.2 The modification shall also be prepared, sealed, marked and dispatch in accordance with the provision of the clause 22 of ITB, with the after 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 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 rTENDERing, BCPL shall forfeit EMD paid by the bidder and such bidders shall be debarred from participation in rTENDERing 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 *Unpriced 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 is 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.

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,
- 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 of 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.

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

38 CONTRACT PERFORMANCE SECURITY / SECURITY DEPOSIT (NOT APPLICABLE FOR THIS TENDER)

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 7.5% (*Initial SD to be deposited @2.5% and remaining 5% to be recovered from RA Bills*) of order value (excluding taxes & duties) 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.com)

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 Brahmputra 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 Brahmputra Cracker and Polymer Ltd, such decision of Brahmputra 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)

- i) Issue of tender document to MSEs free of cost.
- ii) Exemption to MSEs from payment of EMD/Bid Security.
- iii) 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 upto 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-splitable 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.

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

- a) In case of proprietary MSE, Proprietor(s) shall be SC/ST.
- b) In case of partnership MSE, the SC/ST partners shall be holding atleast 51% share in the unit
- c) 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.

40.3 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 UdyogAadhaar 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

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

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

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

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

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

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.

- 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 Brahmaputra 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 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:

(a) Top left corner of the envelope

Vendor Code: _____

LOA/PO No.: Date

Bill/ Invoice No.: Date



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

(b) Address:

To,

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

49 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.

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.

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

50.1 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. CHECK MEASUREMENT

Measurement shall be recorded as per the methods of measurement spelt out in SOW/Specifications/SCC of Contract/Tender Document. The responsibility for checking the measurements as recorded in the measurement Books/Bills shall be as under:

1. Where BCPL Executive is Engineer-In-Charge (EIC) (e.g O&M Contracts)
 - a. Site-In-Charge/Site Engineer will check 100% measurements of executed work.
 - b. EIC will further check measurements at least 15% of bill value. In case, Site-in-Charge/Site Engineer is not available, EIC will check 100% measurements of executed work.
 - c. An officer one level above EIC but not below level of HOD will check measurements of 5% of bill value. In case, HOD is EIC, then he will check measurements of 20% of bill value.
2. Where PMC is EIC (e.g Project Construction):
 - a. PMC will check 100% measurements of executed work.
 - a. BCPL Site Engineer will check measurements of at least 15% of bill value, certified by PMC.
 - b. An officer one level above Site Engineer but not below level of DGM will further check measurements of 5% of bill value. However, wherever DGM is not available, an officer of level of CM will check measurements of 5% of bill value.
3. Where BCPL Executive is EIC and where Third Party Inspector is deployed (e.g ARC type Construction Contracts):
 - a. Third Party Inspector will check 100% measurements of executed work.
 - b. BCPL Site Engineer will check measurements of at least 10% of bill value, certified by Third Party Inspector.
 - c. EIC will further check measurements of 5% of bill value. In case, there is no Site Engineer, EIC himself will check measurements of 15% of bill value.
 - d. An officer one level above EIC but not below level of HOD (for O&M Cases) and DGM (for Project Cases) will check measurements of 5% of bill value. In case, HOD (for O&M Cases) and DGM (for Project Cases) is EIC, then he will check measurements of 10% of bill value or measurement of 20% of bill value, in case there is no Site Engineer.
4. OIC (or HOD in case of Corporate Office) or an officer of higher level to that of EIC authorized by OIC may carry out random checking of executed items where the executed quantity exceed SOR quantities.
5. While exercising test check of 5%, 15% level and on random basis as above, it may be ensured that high rate items, AHR items, items exceeding SOR quantity and concealed items have been covered in the items selected for checking.
6. The Superior officer should preferably check such items/quantities other than those already checked by BCPL executives at lower levels and should also



ensure that the subordinate officer/officers have exercised the requisite percentage check as stipulated in the procedure.

7. All concerned officers should indicate the measurements of SOR items checked by them and marked as "Checked and verified."

52. **PROVISION WITH RESPECT TO CARRIAGE BY ROAD ACT 2007**

As per the Section 3 of the 'Carriage by Road Act 2007', no person can engage in the business of a common carrier unless granted a certificate of registration to do so and any transportation of goods through unregistered common carrier is illegal. Therefore, goods should be transported through common carriers only and also a specific provision in the tender be made which makes it incumbent on the supplier to transport the contracted material / supplies only through registered common carriers.

53. 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.
54. 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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**PROCEDURE FOR ACTION IN CASE
CORRUPT/FRAUDULENT/COLLUSIVE/COERCIVE PRACTICES**

A Definitions:

- A.1 “Corrupt Practice” means the offering, giving, receiving or soliciting, directly or indirectly, anything of value to improperly influence the actions in selection process or in contract execution.
- “Corrupt Practice” also includes any omission for misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided.
- A.2 “Fraudulent Practice” means and include any act or omission committed by a agency or with his connivance or by his agent by misrepresenting/ submitting false documents and/ or false information or concealment of facts or to deceive in order to influence a selection process or during execution of contract/ order.
- A.3 “Collusive Practice amongst bidders (prior to or after bid submission)” means a scheme or arrangement designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.
- A.4 “Coercive practice” means impairing or harming or threatening to impair or harm directly or indirectly, any agency or its property to influence the improperly actions of an agency, obstruction of any investigation or auditing of a procurement process.
- A.5 “Vendor/Supplier/Contractor/Consultant/Bidder” is herein after referred as “Agency”
- A.6 “Appellate Authority” shall mean Committee of Directors consisting of Director (Finance) and Director (BD) for works centers under Director (Projects). For all other cases committee of Directors shall consist of Director (Finance) & Director (Projects).
- A.7 “Competent Authority” shall mean the authority, who is competent to take final decision for Suspension of business dealing with an Agency/ ies and Banning of business dealings with Agency/ ies and shall be the “Director” concerned.
- A.8 “Allied Agency” shall mean all the concerns within the sphere of effective influence of banned/ suspended agencies. In determining this, the following factors may be taken into consideration:



- (a) Whether the management is common;
- (b) Majority interest in the management is held by the partners or directors of banned/suspended firm.
- (c) substantial or majority shares are owned by banned/ suspended agency and by virtue of this it has a controlling voice.

“Investigating Agency” shall mean any department or unit of BCPL investigating into the conduct of Agency/ party and shall include the Vigilance Department of the BCPL, Central Bureau of Investigation, State Police or any other agency set up by the Central or state government having power to investigate.

B Actions against bidder(s) indulging in corrupt /fraudulent/ collusive/ coercive practice

B.1 Irregularities noticed during the evaluation of the bids:

If it is observed during bidding process/ bids evaluation stage that a bidder has indulged in corrupt/fraudulent /collusive/coercive practice, the bid of such Bidder (s) shall be rejected and its Earnest Money Deposit (EMD) shall be forfeited.

Further, such agency shall be banned for future business with BCPL for a period specified in para B 2.2 below from the date of issue of banning order.

B.2 Irregularities noticed after award of contract

(i) During execution of contract:

If an agency, is found to have indulged in corrupt/fraudulent/ collusive/coercive practices, during execution of contract, the agency shall be banned for future business with BCPL for a period specified in para B 2.2 below from the date of issue of banning order.

The concerned order (s)/ contract(s) where corrupt/fraudulent/collusive practices is observed, shall be suspended with immediate effect by Engineer-in-Charge (EIC)/ Employer whereby the supply/ work/ service and payment etc. will be suspended. The action shall be initiated for putting the agency on banning.

After conclusion of process, the order (s)/ contract (s) where it is concluded that such irregularities have been committed shall be terminated and Contract cum Performance Bank Guarantee (CPBG) submitted by agency against such order (s)/ contract (s) shall also be forfeited. The amount that may have become due to the contractor on account of work already executed by him shall be payable to the contractor and this amount shall be subject to adjustment against any amounts due from the contractor under the terms of the contract.

No risk and cost provision will be enforced in such cases.

(ii) After execution of contract and during Defect liability period (DLP)/ Warranty/Guarantee Period:

If an agency is found to have indulged in corrupt/fraudulent/ collusive/coercive practices, after execution of contract and during DLP/ Warranty/Guarantee Period, the agency shall be banned for future business with BCPL for a period specified in para B 2.2 below from the date of issue of banning order.



Further, the Contract cum Performance Bank Guarantee (CPBG) submitted by agency against such order (s)/ contract (s) shall be forfeited.

(iii) After expiry of Defect liability period (DLP)/ Warranty/Guarantee Period

If an agency is found to have indulged in corrupt/fraudulent/ collusive/coercive practices, after expiry of Defect liability period (DLP)/ Warranty/Guarantee Period, the agency shall be banned for future business with BCPL for a period specified in para B 2.2 below from the date of issue of banning order.

B.2.2 Period of Banning

Banning period shall be reckoned from the date of banning order and shall be 3 years.

In exceptional cases where the act of vendor/ contractor is a threat to the National Security, the banning shall be for indefinite period.

C Effect of banning on other ongoing contracts/ tenders

- C.1 If an agency is put on Banning, such agency should not be considered in ongoing tenders/future tenders.
- C.2 However, if such an agency is already executing other order (s)/ contract (s) where no corrupt/fraudulent/ collusive/coercive practice is found, the agency should be allowed to continue till its completion without any further increase in scope except those incidental to original scope mentioned in the contract.
- C.3 If an agency is put on the Banning List during tendering and no irregularity is found in the case under process:
- C.3.1 after issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the agency shall be ignored.
- C.3.2 after opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and BG/EMD submitted by the agency shall be returned to the agency.
- C.3.3 after opening of price, BG/EMD made by the agency shall be returned; the offer of the agency shall be ignored & will not be further evaluated. If the agency is put on banning list for fraud/mis-appropriation of facts committed in the sametender/other tender where errant agency emerges as the lowest (L1), then such tender shall also be cancelled and re-invited.

D. Procedure for Suspension of Bidder

D.1 Initiation of Suspension

Action for suspension business dealing with any agency/(ies) shall be initiated by Corporate C&P Department when

- (i) Corporate Vigilance Department based on the fact of the case gathered during investigation by them recommend for specific immediate action against the agency.
- (ii) Corporate Vigilance Department based on the input from Investigating agency, forward for specific immediate action against the agency.
- (iii) Non performance of Vendor/Supplier/Contractor/Consultant leading to termination of Contract/ Order.



D.2 Suspension Procedure:

- D.2.1 The order of suspension would operate initially for a period not more than six months and is to be communicated to the agency and also to Corporate Vigilance Department. Period of suspension can be extended with the approval of the Competent Authority by one month at a time with a ceiling of six months pending a conclusive decision to put the agency on banning list.
- D.2.2 During the period of suspension, no new business dealing may be held with the agency.
- D.2.3 Period of suspension shall be accounted for in the final order passed for banning of business with the agency.
- D.2.4 The decision regarding suspension of business dealings should also be communicated to the agency.
- D.2.5 If a prima-facie, case is made out that the agency is guilty on the grounds which can result in banning of business dealings, proposal for issuance of suspension order and show cause notice shall be put up to the Competent Authority. The suspension order and show cause notice must include that (i) the agency is put on suspension list and (ii) why action should not be taken for banning the agency for future business from BCPL.

The competent authority to approve the suspension will be same as that for according approval for banning.

D 3 Effect of Suspension of business:

Effect of suspension on other on-going/future tenders will be as under:

- D.3.1 No enquiry/bid/tender shall be entertained from an agency as long as the name of agency appears in the Suspension List.
- D.3.2 If an agency is put on the Suspension List during tendering:
- D.3.2.1 After issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the agency shall be ignored.
- D.3.2.2 after opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and BG/EMD submitted by the agency shall be returned to the agency.
- D.3.2.3 after opening of price, BG/EMD made by the agency shall be returned; the offer of the agency shall be ignored & will not be further evaluated. If the agency is put on Suspension list for fraud/ mis-appropriation of facts conducted in the same tender/other tender where errant agency emerges as the lowest (L1), then such tender shall also be cancelled and re-invited.
- D.3.3 The existing contract (s)/ order (s) under execution shall continue.
- D.3.4 Tenders invited for procurement of goods, works and services shall have provision that the bidder shall submit an undertaking to the effect that (i) neither the bidder themselves nor their allied agency/(ies) are on banning list of GAIL/BCPL or the Ministry of



Petroleum and Natural Gas and (ii) bidder is not banned by any Government department/
Public Sector.

F. Appeal against the Decision of the Competent Authority:

- F.1 The agency may file an appeal against the order of the Competent Authority for putting the agency on banning list. The appeal shall be filed to Appellate Authority. Such an appeal shall be preferred within one month from the of receipt of banning order.
- F.2 Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the party as well as the Competent Authority.
- F.3 Appeal process may be completed within 45 days of filing of appeal with the Appellate Authority.
- G. 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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Annexure-II

PROCEDURE FOR EVALUATION OF PERFORMANCE OF VENDORS/ SUPPLIERS/ CONTRACTORS/ CONSULTANTS

1.0 **OBJECTIVE**

The objective of Evaluation of Performance aims to recognize, and develop reliable Vendors/ Suppliers/Contractors/ Consultants so that they consistently meet or exceed expectations and requirements.

The purpose of this procedure is to put in place a system to monitor performance of Vendors/ Suppliers/Contractors/ Consultants associated with BCPL in Projects and in O&M so as to ensure timely completion of various projects, timely receipt of supplies including completion of works & services for operation and maintenance of operating plants and quality standards in all respects.

2.0 **METHODOLOGY**

i) **Preparation of Performance Rating Data Sheet**

Performance rating data Sheet for each and every Vendor/ Supplier/Contractor/ Consultant for all orders/Contracts with a value of Rs. 7 Lakhs and above is recommended to be drawn up. These data sheets are to be separately prepared for orders/ contracts related to Projects and O&M. Format, Parameters, Process, responsibility for preparation of Performance Rating Data Sheet are separately mentioned.

ii) **Measurement of Performance**

Based on the parameters defined in Data Sheet, Performance of concerned Vendor/ Supplier/Contractor/ Consultant would be computed and graded accordingly. The measurement of the performance of the Party would be its ability to achieve the minimum scoring of 60% points in the given parameters.

iii) **Initiation of Measures:**

Depending upon the Grading of Performance, corrective measures would be initiated by taking up the matter with concerned Vendor/ Supplier/Contractor/ Consultant. Response of Vendor/ Supplier/Contractor/ Consultant would be considered before deciding further course of action.

iv) **Implementation of Corrective Measures:**

Based on the response of Vendor/ Supplier/Contractor/ Consultant, concerned Engineer-in-Charge for the Projects and/or OIC in case of O&M would recommend for continuation or discontinuation of such party from the business of BCPL.

v) Orders/contracts placed on Proprietary/OEM basis for O&M will be evaluated and, if required, corrective action will be taken for improvement in future.



3.0 PROCESS OF EVALUATION OF PERFORMANCE OF VENDORS/ SUPPLIERS/ CONTRACTORS/ CONSULTANTS

3.1 FOR PROJECTS

- i) Evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants in case of PROJECTS shall be done immediately with commissioning of any Project.
- ii) On commissioning of any Project, EIC (Engineer-in-charge)/ Project-in-charge shall prepare a Performance Rating Data Sheet (Format at Annexure-1) for all Orders and Contracts.
- iii) Depending upon the Performance Rating, following action need to be initiated by Engineer-in-charge/Project-in-charge:

Sl. No.	Performance Rating	Action
1	POOR	Seek explanation for Poor performance
2	FAIR	Seek explanation for Fair performance
3	GOOD	Letter to the concerned for improving performance in future
4	VERY GOOD	No further action

- iv) Reply from concerned Vendor/ Supplier/Contractor/ Consultant shall be examined. In case of satisfactory reply, Performance Rating data Sheet to be closed with a letter to the concerned for improving performance in future.
- v) When no reply is received or reasons indicated are unsatisfactory, the following actions need to be taken:

Where Performance rating is “POOR”:

Recommend such defaulting Vendor/ Supplier/Contractor/ Consultant for putting on Holiday for a period from one to three years as given below:

- (i) Poor Performance due to reasons other than Quality : **One Year**
- (ii) Poor Performance on account of Quality (if any mark obtained against Quality parameter is less than 30): **Two Years**
- (iii) Poor Performance leading to termination of contract or Offloading of contract due to poor performance solely attributable to Vendor/ Supplier/Contractor/ Consultant or Repeated Offence: **Three Years**

Non performance of a Vendor/Supplier/Contractor/Consultant leading to termination of Contract/ Order, such Vendor/ Supplier/ Contractor/Consultant are also to be considered for Suspension.

In all such cases, concerned site will put up recommendation for issuance of SCN and putting the party on suspension list as per process defined for



suspension in “Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices”

(B) Where Performance rating is “FAIR”:

Recommend for issuance of warning to such defaulting Vendor/ Supplier/Contractor/ Consultant to improve their performance.

3.2 FOR CONSULTANCY JOBS

Monitoring and Evaluation of consultancy jobs will be carried out in the same way as described in para 3.1 for Projects.

3.3 FOR OPERATION & MAINTENANCE

- i) Evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants in case of Operation and Maintenance shall be done immediately after execution of order/ contract.
- ii) After execution of orders a Performance Rating Data Sheet (Format at Annexure-2) shall be prepared for Orders by Site C&P and for Contracts/Services by respective Engineer-In-Charge.
- iii) Depending upon Performance Rating, following action need to be initiated by Site C&P:

Sl. No.	Performance Rating	Action
1	POOR	Seek explanation for Poor performance
2.	FAIR	Seek explanation for Fair performance
3	GOOD	Letter to the concerned for improving performance in future.
4	VERY GOOD	No further action

- iv) Reply from concerned Vendor/ Supplier/Contractor/ Consultant shall be examined. In case of satisfactory reply, Performance Rating data Sheet to be closed with a letter to the concerned for improving performance in future.
- v) When no reply is received or reasons indicated are unsatisfactory, the following actions need to be taken:

A) Where performance rating is “POOR”

Recommend such defaulting Vendor/Supplier/Contractor/ Consultant for putting on Holiday for a period from one to three years as given below:

- (i) Poor Performance due to reasons other than Quality : **One Year**
- (ii) Poor Performance on account of Quality (if any mark obtained against Quality parameter is less than 30): **Two Years**



(iii) Poor Performance leading to termination of contract or Offloading of contract due to poor performance solely attributable to Vendor/Supplier/Contractor/Consultant or Repeated Offence: **Three Years**

Non-performance of a Vendor/Supplier/Contractor/Consultant leading to termination of Contract/ Order such Vendor/ Supplier/ Contractor/Consultant are also to be considered for Suspension.

In all such cases, concerned site will put up recommendation for issuance of SCN and putting the party on suspension list as per process defined for suspension in “Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices”

(B) Where Performance rating is “FAIR”

Recommend for issuance of warning to such defaulting Vendors/Contractors/Consultants to improve their performance.

4.0 **EXCLUSIONS:**

The following would be excluded from the scope of evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants:

- i) Orders/Contracts below the value of Rs. 7 Lakhs.
- ii) One time Vendor/ Supplier/Contractor/ Consultant.
- iii) Orders for Misc./Administrative items/ Non stock Non valued items.

However, concerned Engineer-in-Charge /OICs will continue to monitor such cases so as to minimize the impact on Projects/O&M plants due to non performance of Vendors/ Suppliers/Contractors/ Consultants in all such cases.

5.0 **REVIEW & RESTORATION OF PARITES PUT ON HOLIDAY**

- 5.1 An order for Holiday passed for a certain specified period shall deemed to have been automatically revoked on the expiry of that specified period and it will not be necessary to issue a specific formal order of revocation.

Further, in case Vendor/ Supplier/Contractor/ Consultant is put on holiday due to quality, and new order is placed on bidder after restoration of Vendor/ Supplier/Contractor/ Consultant, such order will be properly monitored during execution stage by the concerned site.

6.0 **EFFECT OF HOLIDAY**

- 6.1 If a Vendor/ Supplier/Contractor/ Consultant is put on Holiday, such Vendor/ Supplier/Contractor/ Consultant should not be considered in ongoing tenders/future tenders.
- 6.2 However, if such Vendor/ Supplier/Contractor/ Consultant is already executing any other order/ contract and their performance is satisfactory in terms of the relevant contract, should be allowed to continue till its completion without any further increase in scope except those incidental to original scope mentioned in the contract. In such a case CPBG will not be



forfeited and payment will be made as per provisions of concerned contract. However, this would be without prejudice to other terms and conditions of the contract.

6.3. Effect on other ongoing tendering:

6.3.1 after issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the party shall be ignored.

6.3.2 after opening Technical bid but before opening the Price bid, the Price bid of the party shall not be opened and BG/EMD submitted by the party shall be returned to the party.

6.3.3 after opening of price, BG/EMD made by the party shall be returned; the offer of the party shall be ignored & will not be further evaluated. If errant party emerges as the lowest (L1), then such tender shall also be cancelled and re-invited.

7.0 While putting the Vendor/ Supplier/Contractor/ Consultant on holiday as per the procedure, the holding company, subsidiary, joint venture, sister concerns, group division of the errant Vendor/ Supplier/Contractor/ Consultant shall not be considered for putting on holiday list.

Any bidder, put on holiday, will not be allowed to bid through consortium route also in new tender during the period of holiday.

8.0 If an unsuccessful bidder makes any vexatious, frivolous or malicious complaint against the tender process with the intention of delaying or defeating any procurement or causing loss to BCPL or any other bidder, such bidder will be put on holiday for a period of six months, if such complaint is proved to be vexatious, frivolous or malicious, after following the due procedure.

9. APPEAL AGAINST THE DECISION OF THE COMPETENT AUTHORITY:

(a) The party may file an appeal against the order of the Competent Authority for putting the party on Holiday list. The appeal shall be filed to Appellate Authority. Such an appeal shall be preferred within one month from the of receipt of Holiday order.

(b) Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the party as well as the Competent Authority.

(c) Appeal process may be completed within 45 days of filing of appeal with the Appellate Authority.

(d) “Appellate Authority” shall mean Committee of Directors consisting of Director (Finance) and Director (BD) for works centers under Director (Projects). For all other cases committee of Directors shall consist of Director (Finance) & Director (Projects).

10. ERRANT BIDDER

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 rTENDERing, BCPL shall forfeit EMD paid by the



bidder and such bidders shall be debarred from participation in rTENDERing 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.

11. In case Service Tax department brings to the notice of BCPL that a Party has not paid to the credit of the Government the Service Tax collected from BCPL, then party will be put on holiday for a period of six months after following the due procedure.

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**BRAHMAPUTRA CRACKER AND POLYMER LIMITED
PERFORMANCE RATING DATA SHEET
(FOR PROJECTS/ CONSULTANCY JOBS)**

- i) Project/Work Centre :
- ii) Order/ Contract No. & date :
- iii) Brief description of Items Works/Assignment :
- iv) Order/Contract value (Rs.) :
- v) Name of Vendor/Supplier/ Contractor/ Consultant :
- vi) Contracted delivery/ Completion Schedule :
- vii) Actual delivery/ Completion date :

Performance Parameter	Delivery/ Completion Performance	Quality Performance	Reliability Performance#	Total
Maximum Marks	40	40	20	100
Marks Allocated				

Note:

Remarks (if any)

PERFORMANCE RATING ()**

Note:

- (#) Vendor/Supplier/Contractor/Consultant who seek repeated financial assistance or deviation beyond contract payment term or seeking direct payment to the sub-vendor/sub-contractor due to financial constraints, then '0' marks should be allotted against Reliability Performance.
- (*) Allocation of marks should be as per enclosed instructions
- (**) Performance rating shall be classified as under:

Sl. No.	Range (Marks)	Rating
1	60 & below	POOR
2	61-75	FAIR
3	76-90	GOOD
4	More than 90	VERY GOOD

Signature of
Authorised Signatory:

Name:

Designation:

Instructions for allocation of marks

TENDER NO: BCPL/C&P/LE19C044SD/02598 FOR "MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL"



1. Marks are to be allocated as under:

1.1 DELIVERY/ COMPLETION PERFORMANCE 40 Marks

Delivery Period/ Completion Schedule	Delay in Weeks	Marks
a) Upto 3 months	Before CDD	40
	Delay upto 4 weeks	35
	" 8 weeks	30
	" 10 weeks	25
	" 12 weeks	20
	" 16 weeks	15
	More than 16 weeks	0
b) Above 3 months	Before CDD	40
	Delay upto 4 weeks	35
	" 8 weeks	30
	" 10 weeks	25
	" 16 weeks	20
	" 20 weeks	15
	" 24 weeks	10
	More than 24 weeks	0

1.2 QUALITY PERFORMANCE 40 Marks

For Normal Cases: No Defects/ No Deviation/ No failure: 40 marks

i) Rejection/Defects	Marks to be allocated on prorata basis for acceptable quantity as compared to total quantity for normal cases	10 marks
ii) When quality failure endanger system integration and safety of the system	Failure of severe nature	0 marks
	- Moderate nature	5 marks
	- low severe nature	10-25 marks
iii) Number of deviations	1. No deviation	5 marks
	2. No. of deviations ≤ 2	2 marks
	3. No. of deviations > 2	0 marks



1.3 RELIABILITY PERFORMANCE

20 Marks

A.	FOR WORKS/CONTRACTS	
i)	Submission of order acceptance, agreement, PBG, Drawings and other documents within time	4 marks
ii)	Mobilization of resources as per Contract and in time	4 marks
iii)	Liquidation of Check-list points	4 marks
iv)	Compliance to statutory and HS&E requirements or Reliability of Estimates/Design/Drawing etc. in case of Consultancy jobs	4 marks
v)	Timely submission of estimates and other documents for Extra, Substituted & AHR items	4 marks
B.	FOR SUPPLIES	
i)	Submission of order acceptance, PBG, Drawings and other documents within time	5 marks
ii)	Attending complaints and requests for after sales service/ warranty repairs and/ or query/ advice (upto the evaluation period).	5 marks
iii)	Response to various correspondence and conformance to standards like ISO	5 marks
iv)	Submission of all required documents including Test Certificates at the time of supply	5 marks



ANNEXURE-IV

BIDDING DATA SHEET (BDS)

ITB TO BE READ IN CONJUNCTION WITH THE FOLLOWING:

A. GENERAL					
ITB clause	Description				
1.2	The Invitation for Bids/ TENDER NO is : TENDER NO.: BCPL/C&P/LE19C044SD/02598				
1.1	The Employer/Owner is: M/s Brahmputra Cracker & Polymer Limited				
2.1	Name of the Contract: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA-LAKWA PIPE LINE OF BCPL				
3	BIDS FROM CONSORTIUM/ JOINT VENTURE <table border="1"><tr><td>APPLICABLE</td><td>☐</td></tr><tr><td>NOT APPLICABLE</td><td>☒</td></tr></table>	APPLICABLE	☐	NOT APPLICABLE	☒
APPLICABLE	☐				
NOT APPLICABLE	☒				
B. BIDDING DOCUMENT					
ITB clause	Description				
8.1	For <u>clarification purposes</u> only, the communication address is: Attention: SH. SAMRAT DUTTA, SR. MANAGER (C&P) / Street Address: Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), C&P Department, Administrative Building, PO: Lepetkata, Distt.: Dibrugarh, Assam, Pin Code:786006, Phone no. 0373 2914636.Email id: sdutta@bcplindia.co.in ;				
C. PREPARATION OF BIDS					
ITB clause	Description				
11.1.1 (u)	The Bidder shall submit with its Techno-commercial/ Unpriced bid the following additional documents (SCC Refers): <u>NIL</u>				



12	Additional Provision for Schedule of Rate/ Bid Price are as under:
14	The currency of the Bid shall be INR
15	The bid validity period shall be three months from final 'Bid Due Date'.
D. SUBMISSION AND OPENING OF BIDS	
ITB clause	Description
18	In addition to the original of the Bid, the number of copies required is one.
22	The TENDER NO. of this bidding process is: BCPL/C&P/LE19C044SD/02598
22.3	For <u>bid submission purposes</u> only, the Owner's address is : Attention: SH. SAMRAT DUTTA, SR. MANAGER (C&P) / Street Address: Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), C&P Department, Administrative Building, PO: Lepetkata, Distt.: Dibrugarh, Assam, Pin Code:786006, Phone no. 0373 2914636.Email id: sdutta@bcplindia.co.in ;
26	The bid opening shall take place at: Address: Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), C&P Department, Administrative Building, PO: Lepetkata, Distt.: Dibrugarh, Assam, Pin Code:786006, Phone no. 0373 2914636.Email id: sdutta@bcplindia.co.in ; Date: 18.02.2020 Time: 15:00 Hrs.
E. EVALUATION, AND COMPARISON OF BIDS	
ITB clause	Description



32	Evaluation Methodology is mentioned in Annexure-II.								
33	Compensation for Extended Stay: <table border="1"><tr><td>APPLICABLE</td><td>☐ NO</td></tr><tr><td>NOT APPLICABLE</td><td>☐ YES</td></tr></table>	APPLICABLE	☐ NO	NOT APPLICABLE	☐ YES				
APPLICABLE	☐ NO								
NOT APPLICABLE	☐ YES								
F. AWARD OF CONTRACT									
ITB clause	Description								
37	State of which stamp paper is required for Contract Agreement: [Not applicable in this tender] State: Assam								
38	Contract Performance Security/ Security Deposit <table border="1"><tr><td>APPLICABLE</td><td>☐ NO</td></tr><tr><td>NOT APPLICABLE</td><td>☐ YES</td></tr></table> Not Applicable: As specified in Section –II of tender document.	APPLICABLE	☐ NO	NOT APPLICABLE	☐ YES				
APPLICABLE	☐ NO								
NOT APPLICABLE	☐ YES								
40	Public Procurement Policy for MSEs : <table border="1"><tr><td>APPLICABLE</td><td>☐ YES</td></tr><tr><td>NOT APPLICABLE</td><td>☐ NO</td></tr></table> Whether tendered item is non-split able or not-divisible : <table border="1"><tr><td>YES</td><td>☐ YES</td></tr><tr><td>NO</td><td>☐ NO</td></tr></table>	APPLICABLE	☐ YES	NOT APPLICABLE	☐ NO	YES	☐ YES	NO	☐ NO
APPLICABLE	☐ YES								
NOT APPLICABLE	☐ NO								
YES	☐ YES								
NO	☐ NO								
41	Provision of AHR Item : <table border="1"><tr><td>APPLICABLE</td><td>☐ YES</td></tr></table>	APPLICABLE	☐ YES						
APPLICABLE	☐ YES								



	NOT APPLICABLE	NO	
Clause no. 27.3 of GCC	Bonus for Early Completion:		
	APPLICABLE	NO	
	NOT APPLICABLE	YES	



FORMS & FORMAT



LIST OF FORMS & FORMAT

Form No.	Description
F-1	BIDDER'S GENERAL INFORMATION
F-2	BID FORM
F-3	LIST OF ENCLOSURES
F-4	PROFORMA OF "BANK GUARANTEE" FOR "EARNEST MONEY / BID SECURITY"
F-5	LETTER OF AUTHORITY
F-6	NO DEVIATION CONFIRMATION
F-7	DECLARATION REGARDING HOLIDAY/BANNING AND LIQUIDATION, COURT RECEIVERSHIP ETC.
F-8	CERTIFICATE FOR NON-INVOLVMENT OF GOVT. OF INDIA
F-9	PROFORMA OF "BANK GUARANTEE" FOR "CONTRACT PERFORMANCE SECURITY / SECURITY DEPOSIT"
F-10	AGREED TERMS & CONDITIONS
F-11	ACKNOWLEDGEMENT CUM CONSENT LETTER
F-12	UNDERTAKING ON LETTERHEAD
F-13	BIDDER'S EXPERIENCE
F-14	CHECK LIST
F-15	FORMAT FOR CERTIFICATE FROM BANK IF BIDDER'S WORKING CAPITAL IS INADEQUATE (NOT APPLICABLE)
F-16	FORMAT FOR CHARTERED ACCOUNTANT CERTIFICATE FOR FINANCIAL CAPABILITY OF THE BIDDER
F-17	BIDDER'S QUERIES FOR PRE BID MEETING
F-18	E-BANKING FORMAT



BIDDER'S GENERAL INFORMATION

To,
M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

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] {CERTIFICATE OF INCOPORATION / ROC / ROF} May tick on the applicable document and submit the same.
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]	_____ _____
9	E-mail address	
10	Website	
11	Fax Number:	_____

TENDER NO: BCPL/C&P/LE19C044SD/02598 FOR "MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL"



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 (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.)
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).
22	GSTIN	Please submit GST Registration Certificate
23	Vendor Classification Mark (✓) on the applicable one.	Registered ☐ Un-registered ☐ Compound Scheme ☐ PSU , GOVT ☐ SEZ ☐
24	WHETHER START-UP?	YES/NO
25	EPF / PF No.	_____ Please submit relevant Certificate
26	POWER OF ATTORNEY & NAME OF PERSON	Submitted _____ Name: _____

Place:

Date:

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:



BID FORM

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

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 _____

[Signature of Witness]

Name of Witness:

Address:



LIST OF ENCLOSURES

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Dear Sir,

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

1. Power of Attorney of the signatory to the Bidding Document.
2. ~~Document showing annual turnover for the last three years such as annual reports, profit and loss account, net worth etc. along with information as sought in enclosed format F-16~~
3. ~~Document showing Financial Situation Information as sought in enclosed format F-16~~
4. Copy of Bidding Documents along with addendum/corrigendum duly signed and sealed on each page, in token of confirmation that Bid Documents are considered in full while preparing the bid and in case of award, work will be executed in accordance with the provisions detailed in Bid Documents.
5. Documentary Evidences showing the Bidder's claim of meeting Technical Criteria as mentioned in Clause 4 of ITB.
6. EMD / Bid Bond
7. Power of Attorney
8. Duly certified document from chartered engineer and or chartered accountant.

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



PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT
(To be stamped in accordance with the Stamp Act)
(NOT APPLICABLE)

.....



LETTER OF AUTHORITY

[Pro forma for Letter of Authority for Attending Subsequent 'Negotiations' / 'Pre-Bid Meetings' / 'Un-priced Bid Opening' / 'Price Bid Opening']

Ref:

Date:

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Dear Sir,

I/We, _____ hereby authorize the following representative(s) for attending any 'Negotiations' / 'Meetings [Pre-Bid Meeting]', 'Un-priced Bid Opening', 'Price Bid Opening' and for any subsequent correspondence / communication against the above Bidding Documents:

[1] Name & Designation _____ Signature _____

Phone/Cell:

Fax:

E-mail: @

[2] Name & Designation _____ Signature _____

Phone/Cell:

Fax:

E-mail: @

We confirm that we shall be bound by all commitments made by aforementioned authorised representative(s).

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

Note: This "**Letter of Authority**" should be on the "**letterhead**" of the Firm / Bidder and should be signed by a person competent and having the '**Power of Attorney**' to bind the Bidder. Not more than 'two [02] persons per Bidder' are permitted to attend "Techno-commercial / Un-priced" & "Price Bid" Openings. Bidders authorized representative is required to carry a copy of this authority letter while attending the un-priced and priced bid opening, the same shall be submitted to BCPL.



"NO DEVIATION" CONFIRMATION

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

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:



**DECLARATION REGARDING HOLIDAY/BANNING AND LIQUIDATION, COURT
RECEIVERSHIP**

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

**SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV
STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.**

TENDER NO.: BCPL/C&P/LE19C044SD/02598

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:



CERTIFICATE FOR NON-INVOLVMENT OF GOVT. OF INDIA

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Dear Sir,

If we become a successful Bidder and pursuant to the provisions of the Bidding Documents, award is given to us for the tender for “
_____”, 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 thereunder. 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: [Signature of Authorized Signatory of Bidder]
Date: Name:
Designation:
Seal:



**PROFORMA OF "BANK GUARANTEE" FOR "CONTRACT PERFORMANCE
SECURITY / SECURITY DEPOSIT"**
(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)
(NOT APPLICABLE)

.....



AGREED TERMS & CONDITIONS

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

This Questionnaire duly filled in, signed & stamped must form part of Bidder's Bid and should be returned along with Un-priced Bid. Clauses confirmed hereunder need not be repeated in the Bid.



Sl.	DESCRIPTION	BIDDER'S CONFIRMATION
1.	Bidder's name and address.	
2.	Please confirm the currency of quoted prices is in Indian Rupees.	
3.	Confirm quoted prices will remain firm and fixed till complete execution of the order.	
4.	Rate of applicable GST	GST@.....%
5.	i) Confirm acceptance of relevant Terms of Payment specified in the Bid Document. ii) In case of delay, the bills shall be submitted after deducting the price reduction due to delay.	
6.	Confirm that Contract Performance Bank Guarantee will be furnished as per Bid Document.	
7.	Blank	NOT APPLICABLE
8.	Confirm compliance to Completion Schedule as specified in Bid document. Confirm contract period shall be reckoned from the date of Fax of Intent.	
9.	Confirm acceptance of Price Reduction Schedule for delay in completion schedule specified in Bid document.	
10.	a) Confirm acceptance of all terms and conditions of Bid Document (all sections). b) Confirm that printed terms and conditions of bidder are not applicable.	
11.	Confirm your offer is valid for 3 months from Final/Extended due date of opening of Techno-commercial Bids.	
12.	a) Blank	NOT APPLICABLE
13.	Confirm acceptance to all provisions of ITB read in conjunction with Bid Data Sheet (BDS).	
14.	Confirm that Annual Reports for the last three financial years are furnished along with the Un-priced Bid.	
15.	Confirm that, in case of contradiction between the confirmations provided in this format and terms & conditions mentioned elsewhere in the offer, the confirmations given in this format shall prevail.	
16.	Confirm the none of Directors of bidder is a relative of any Director of Owner or the bidder is a firm in which any Director of Owner/ BCPL or his relative is a partner.	
17.	All correspondence must be in ENGLISH language only.	
18.	Owner reserves the right to make any change in the terms & conditions of the TENDER/BIDDING DOCUMENT and to reject any or all bids.	



Sl.	DESCRIPTION	BIDDER'S CONFIRMATION
19.	Confirm that all Bank charges associated with Bidder's Bank shall be borne by Bidder.	

Place:

Date:

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:



ACKNOWLEDGEMENT CUM CONSENT LETTER

(On receipt of tender document/information regarding the tender, Bidder shall acknowledge the receipt and confirm his intention to bid or reason for non-participation against the enquiry /tender through e-mail/fax to concerned executive in BCPL issued the tender, by filling up the Format)

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Dear Sir,

We hereby acknowledge receipt of a complete set of bidding document along with enclosures for subject item/job and/or the information regarding the subject tender.

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

Postal Address with Pin Code :
Telephone Number :
Fax Number :
Contact Person :
E-mail Address :
Mobile No. :
Date :
Seal/Stamp :

- We are unable to bid for the reason given below:
Reasons for non-submission of bid:

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



UNDERTAKING ON LETTERHEAD

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Dear Sir

We hereby confirm that “The contents of this Tender Document No. _____ 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 M/s.....(Name of the bidder) shall be liable for rejection”.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



BIDDER'S EXPERIENCE

To,

M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.

TENDER NO.: BCPL/C&P/LE19C044SD/02598

Sl. No	Descripti on of the Services	LOA /WO No. and date	Full Address & phone nos. of Client. <i>Name, designation and address of Engineer/ Officer-in-Charge (for cases other than purchase)</i>	Postal & phone nos. of Client.	Value of Contract/ Order (Specify Currency Amount)	Date of Commence ment of Services	Scheduled Completion Time (Months)	Date of Actual Completi on	Reasons for delay in execution, if any
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)	

Place:

Date:

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:



CHECK LIST

Bidders are requested to duly fill in the checklist. This checklist gives only certain important items to facilitate the bidder to make sure that the necessary data/information as called for in the bid document has been submitted by them along with their offer. This, however, does not relieve the bidder of his responsibilities to make sure that his offer is otherwise complete in all respects.

Please ensure compliance and tick (✓) against following points:

SL. No.	DESCRIPTION	CHECK BOX	REFERENCE PAGE NO. OF THE BID SUBMITTED
1.0	Signing and Stamping on each sheet of offer, original bidding document including SCC, ITB, GCC ,SOR drawings, addendum (if any)		
2.0	Confirm that the following details have been submitted in the Un-priced part of the bid		
i	Covering Letter, Letter of Submission		
ii	Signed and stamped original copy of bidding document along with drawings and addendum (if any)		
iii	Power of Attorney in the name of person signing the bid.		
iv	Copies of documents defining constitution or legal status, place of registration and principal place of business of the company		
v	Bidders declaration that regarding, Holiday/ Banning, liquidation court receivership or similar proceedings in Format 7.		
vi	Details and documentary proof required against qualification criteria along with complete documents. (Also fill the documents & certification checklist given below)		
vii	Confirm submission of document alongwith techno-commercial bid as per bid requirement.		
3.0	Confirm that all forms& formats duly filled in are enclosed with the bid duly signed by authorized person(s)		
4.0	Confirm that the price part as per Price Schedule format submitted with Bidding Document		
5.0	Confirm that annual reports for last three financial years & duly filled in Form 16 are enclosed in the offer for financial assessment (where financial criteria of BEC is applicable).		



DOCUMENTS & CERTIFICATION CHECKLIST

S NO	DESCRIPTION	CHECK LIST	YES/ NA	NO
1.	EMD Value	NOT APPLICABLE FOR THIS TENDER	YES/ NA	NO
A	DD	DD No. _____ dated For Rs. _____	YES/ NA	NO
B	BG	BG VALIDITY BEYOND 3 (THREE) MONTHS FROM BID VALIDITY PERIOD OF 90 DAYS	YES/ NA	NO
C	NSIC/DIC CERTIFICATE/ UDYOG ADHAR	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 as MENTIONED IN CLAUSE NO.40 OF ITB	YES/ NA	NO
2.	BID VALIDITY UPTO THREE MONTHS	ACCEPTED	YES	NO
3	TENDER Document signed & stamped	Signed & stamped / digital signing all pages ALONGWITH UNPRICED BID.	YES	NO
4	SOR (BLANK without price) MENTIONING WORD "QUOTED/NOT QUOTED" IN EACH ITEM RATE COLUMN	Signed copy of SOR filled QUOTED/NOT QUOTED, ALONGWITH UNPRICED BID.	YES	NO
5	FORM 1 TO 18 ATTACHED TO TENDER	FILLED AS APPLICABLE, SIGNED, STAMPED & SUBMITTED ALL	YES	NO
6	Acceptance of all technical criteria	AS PER THIS TENDER	YES	NO
7	Acceptance of all other clause & condition (both technical & financial)	AS PER THIS TENDER	YES	NO
Non-submission of the attested copies of the requisite certificates/ documents as specified above and/or in TENDER document shall render the bid non-responsive and shall be liable for rejection.				

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

Bidder is requested to fill this check list and ensure that all detail/ documents have been submitted including this Checklist duly filled in, signed & stamped alongwith the "Un-priced bid (Part-I)".
Non submission of any document/ submission without proper attestation may lead to rejection of the Bid.



ब्रह्मपुत्र क्रेकर और पालीमेर लिमिटेड
(भारत सरकार का उपक्रम)
Brahmaputra Cracker and Polymer Ltd.
(A Government of India Enterprise)

THIS FORMAT TO BE FILLED BY THE BIDDER
TECHNICAL CRITERIA AS STIPULATED IN BEC
(NOT APPLICABLE)



F-15

FORMAT FOR CERTIFICATE FROM BANK IF BIDDER'S WORKING CAPITAL IS INADEQUATE (NOT APPLICABLE)

(To be provided on Bank's letter head)

(NOT APPLICABLE)

F-16

FORMAT FOR CHARTERED ACCOUNTANT CERTIFICATE FOR FINANCIAL CAPABILITY OF THE BIDDER

(NOT APPLICABLE)



F-17

BIDDER'S QUERIES FOR PRE BID MEETING

To,
M/s BRAHMAPUTRA CRACKER AND POLYMER LIMITED

**SUB: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV
STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL.**

TENDER NO.: BCPL/C&P/LE19C044SD/02598

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

NOTE: The Pre-Bid Queries may be sent by fax and also by e-mail before due date for receipt of Bidder's queries.

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____



E-Banking Mandate Form

(To be issued on vendors letter head)

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

(Signature of authorized officer of bank)



SECTION-IV

GENERAL CONDITIONS OF CONTRACT [GCC]



**CONSENT LETTER ON ACCEPATNCE OF GENERAL CONDITIONS OF CONTRACTS
(GCC)/GENERAL PURCHASE CONDITION (GPC)**

NIT/RFQ NUMBER:

Dated:

Dear Sir,

I/we have read the following Conditions of Contract which is available in the BCPL website.

I/ we further confirm that we have agreed to all the conditions as printed/available in the Documents in BCPL website in entirety and unconditionally.

1. General Conditions of Contract.

(http://www.bcplonline.co.in/content/tender/GCC_CONTRACTS.pdf)

Thanking you,

(Sign of the authorized signatory with the Company/ Firm seal)

Name:

Designation:

Company Seal:



SECTION – V

SPECIAL CONDITIONS OF CONTRACT [SCC]



SPECIAL CONDITIONS OF CONTRACT [SCC]

WORK: MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL

JOB: Modification, Supply, Installation, commissioning and integration with existing solar unit and flawless synchronizing/paralleling with available electrical system, including performance testing, guarantee and handing over of 5.0 KW Grid connected rooftop solar photovoltaic power unit with battery backup at BCPL, SV-3 Tiloi Nagar, Dibrugarh.

INTRODUCTION:

BCPL is having various operational pipelines & 6 nos. of sectionalizing valve stations located at different locations for below mentioned pipelines:

18" Lepetkata-Duliajan Twin Rich and Lean Gas Pipelines – 48 Km (2 nos. SV Stations).
4.5" Lepetkata-Lakwa for C2+ hydrocarbon liquid Pipeline - 48 Km (4 nos. SV Stations).

Also SV-3 at Tiloi Nagar, Dibrugarh in LLPL has been equipped with 5KW solar power system as a power sharing source synchronized with grid to supply power only during the availability of both solar exposure and AC power source.

1. GENERAL:

1.1 Special conditions of contract shall be read in conjunction with the general conditions of contract, specifications of work, drawings and any other document forming part of this contract wherever the context so requires.

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, then unless a different intention appears, the provision(s) of the special conditions of contract shall be deemed to override the provision(s) of general conditions of contract only to the extent that such repugnancy's of variations in the special conditions of contract as are not possible of being reconciled with the provisions of general conditions of contract.

1.3 The intending Bidder shall be deemed to have visited the site and gone through the GCC. Non familiarity with site conditions and unawareness of GCC shall in no way be considered a reason for any extra claim or for not carrying out the work in strict conformity with the drawings, specifications or provisions of contract.

1.4 The work executed shall be to the satisfaction of Engineer In-Charge/ OWNER and contract rates shall include any Incidental and Contingent works charges so as to compete the work in all respect in prompt, efficient and workman like manner.

TENDER NO: BCPL/C&P/LE19C044SD/02598 FOR "MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL"



2. DEFINITIONS

2.1 The expression “Vendor / Contractor / Bidder” shall mean the Agency selected by the employer for the execution of the subject work and shall include the legal heirs, successors and permitted assignees of the said Agency..

2.2 The “Engineer-in-Charge” shall mean the personnel of M/s BCPL, who is deputed as In-charge for this Contract and shall include any person acting as in-charge on his behalf.

2.3 The “Authorized Representative” shall mean any personnel of M/s BCPL, authorized to administer the said contract as per laid down terms and conditions.

2.4 Where any portion of the General conditions of Contract is repugnant to or at variance with any provision of special conditions of contract, the provision of Special Conditions of contract shall be deemed to override the provisions of General Condition of Contract and shall to the extent of such repugnancy of variation prevail.

3. SITE LOCATION

- Nearest Airport: Dibrugarh, Mohanbari Airport / 45 km.
- Nearest Railway station: Moranhat/8Km and Dibrugarh/30 km.
- Nearest National Highway: NH37.

4. CONTRACTOR’S SCOPE OF WORK

Scope of work not only includes the items mentioned but also any other job, which is essential for the completion of the job. All works shall be carried out as per the standard engineering practice and as per technical specification of this tender document. The works shall be confirmed to latest applicable IS, to the satisfaction of engineer in charge. Decision of EIC regarding acceptability of prices will be final and binding to the contractors. Mobilization and de-mobilization for the job will be in the scope of the contractor.

5. TERMS OF PAYMENT

The contract shall submit bill in triplicates to the Engineer-In-Charge for certification along with work report and relevant document in support of the claims and payable as follows:

- 100% payment shall be released on submission of bill after completion of the work.

6. INCOME TAX / SALES TAX

Income tax deduction shall be made from all payment to the contractor as per rules and regulations in force in accordance with the Income tax act prevailing from time to time. Sales tax and other duties / levies as applicable shall be borne by the contractor.

7. TIME OF COMPLETION & MOBILIZATION:-



Time schedule of execution of the job shall be 60 days from the date of LOI/ award of the job.

The contractor shall properly store all materials either issued to him or brought by him to the site to prevent damage due to rain, wind, direct exposure to sun etc. and also from theft, pilferage, etc. for proper speedy execution of his works. The contractors shall maintain sufficient stocks of all materials required by him. No material shall be dispatched from the contractors store before obtaining the approval of Engineer – in- charge.

8. SCHEDULE OF RATES (SOR)

The bidder shall provide his rates as per requirement of schedule of rates which should be inclusive of all.

9. SUPERVISION OF WORKS:

The entire works shall be carried out under the supervision of a qualified engineer / supervisor of the consultant.

10. TEST AND INSPECTION:

Any work not confirming to execution drawings, specification or code shall be rejected forthwith.

11. MOBILIZATION ADVANCE (M.A.)

No mobilization advance is payable for this work.

12. COMPENSATION FOR EXTENDED STAY

No compensation for extended stay is payable to the contractor.

13. COMPENSATION FOR DELAY

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

13.2 Alternatively, in case the Engineer-In-Charge feels that the progress of work is unsatisfactory and the work may be delayed beyond the contractual completion date, he may at his discretion get the work done through other agency at the risk and cost of the contractor. The decision of the Engineer-In-Charge shall be final and binding in his regard.

14. INSTRUCTIONS FOR EXECUTION OF THE JOB:

14.1 BCPL reserves right to reject any one or all the personnel employed by the contractor on the basis of their performance, conduct and discipline.

14.2 The rates quoted in the schedule of rates are inclusive of all tools, contractor's supervision, transportation, over-heads profits and all consumables. These are also



inclusive of taxes, duties, levis, sale tax, statutory payments, license free etc. impose by Govt. of Assam etc.

14.3 Any transportation work connected with repair/replacements or otherwise, is under the contractor's scope and no separate rates are admissible on this account.

14.4 In case the contractor leaves any job incomplete or fails to complete it in stipulated time or not up to the satisfaction of the Engineer-in-charge. BCPL shall have the liberty to get that job done through any other agency and deduct the cost from contractor's bill.

14.5 Contractors shall maintain first aid facilities for its employee

14.6 The personnel to be deputed by the contractor should also meet the following requirement.

- a. Should be medically fit to work at site.
- b. Should possess good conduct and discipline
- c. Should possess all personal safety appliances like helmet, safety shoes etc. as per the requirement of job.

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

14.8 Contractor shall not disclose the data acquired from our plant to any other party without written permission of BCPL.

15. TERMINATION OF CONTRACT:

The owner /Engineer in – charge reserves the right to terminate the contract on giving one week notice without assigning any reason.

16.1.1 Initial Security Deposit @ 2% of contract value has to be deposited within ten days of receipt of LOA/LOI, balance 8% will be recovered in the instalments through deduction @10% of the value of each RA bill, till the total SD amount of 10% of contract value/ actual value of the work done is collected after which no further deduction from bill will be made on this account subjected to General conditions of contract, EMD deposit by way of DD, if any, with the tender shall be adjusted towards security Deposit/ISD.

16.1.2 Alternatively, full security Deposit can be furnished by way of Bank Guarantee from any nationalized schedule bank in the prescribed Performa attached with the tender document subject to general conditions of contract.

16.1.3 No interest shall be payable by the company to the contractor for the amount of security deposit.

17. COMPLIANCE WITH VARIOUS PROVISIONS OF LABOUR / INDUSTRIAL LAWS:



Contractor shall comply with various labour / Industrial laws while executing of this contract and keep BCPL indemnified against any implications arising out of non-compliance of such provisions by him.

18. WARRENTY:

Solar PCU: 2 years & 12 volt C@ 10 200 Amp Battery: 5 years.

Back up Load: 5000 watt maximum

19. DEFECT LIABILITY PERIOD:

12 months from the date of commissioning / handover the complete system to BCPL.

20. SCOPE OF WORK [SOW]

20.1 Scope of work will be design, procurement, supply, installation, integration with existing electrical system, commissioning, flawless synchronizing / paralleling with available electrical system, performance testing & guarantee and handing over of 5.0 KW Grid connected rooftop solar photovoltaic power plant at BCPL, Lepetkata.

20.2 Supply of all components, sub components, spares and tools etc. necessary to make the system complete shall be the responsibility of successful bidder.

20.3 Total erection works and material item supplies should be carried out as per applicable latest CE, IS, IEC & IEEE standards / codes with solar grade with IP 65 / IP66 protections.

20.4 Total Associated Engineering Works (All supply, installation and commissioning)

a. Electrical:-

1. Power cables, communication cables & control cables of armoured and solar grade.
2. Synchronizing / Paralleling equipment to achieve flaw less synchronizing with existing electrical system of BCPL i.e. 100% utilization solar power.
3. Lighting arresters, earthing, cable trays, cable trenches, terminations and etc.
4. Armoured copper cables for power should be laid up to AC junction box.
5. From AC junction box to main junction box with armoured aluminium power cable should be considered.
6. Modification of existing outgoing feeder protection, metering and control circuits of air circuit breaker (ACB) and energy meter to suite for receiving solar power.
7. Two point earthing with two separate earth pits with GI strips for following items:
 - a. Civil supporting structure.
 - b. Modules.
 - c. Inverters
 - d. DC junction, Distribution & combiner boxes
 - e. AC junction & combiner boxes
 - f. Lighting arrester
 - g. Single phase changeover



8. Approval of BCPL should be obtained on designed drawing and fixing make and model of the brought-out items before executions.
9. Material to be supplied by the vendor:

Sl. No.	Item	Rating or Capacity	Qty	Measuring Unit
01	PCU	HESI4000 – 96 V 5 kW MPPT/6.25 kVA	1	nos
02	Battery Bank 96 V 200Ah	12 V 200 Ah Tubular	8	nos
03	Junction Box	20A	1	nos
04	AJB (3 in 1 Out)	Box , Connector , Fuse, 20A	1	nos
05	ACDB	Metal Box , MCB , connector, 40A	1	nos
06	DCDB	Box , DC disconnect	1	nos
07	Cabling	Single core , (Copper) 4 sq mm , multi strength double insulated coating Solar DC cable and AC cables (Cu-10sq-mm-2 core)	86	Metres
08	Electrical Wire	2 core 6 sq mm Copper Wire for input & output	36	Metres
09	Battery Stand	Metal Black painted to accommodate all batteries.	1	set
10	Earthing	Pipe earthing , GI Wire , strip	2	set
11	Lightening Arrestor	Arrestor with 2 Mtr Pipe	1	nos
12	Installation, commissioning & Integration	As mentioned	1	

b. Civil (if any):-

1. GI structural supports to mount PV panel.
2. Drilling holes 100mm deep in concrete in beams and columns grouting the same with Hilty injectable grout before and after inserting 12mm dia reinforcement and casting RCC (1:2:3) pedestals. The work also includes 20mm dia 300 long anchor bolts to be laid at the time of casting.
3. Providing PCC (1:2:3) pedestal as per drawing and laying 20mm dia anchor bolts at the time of casting.
4. Providing, fabricating and laying galvanized structural steel section, plates, nuts washer and bolts, and cable tray as per drawing with thickness of galvanizing of 120 micron.



5. Providing and laying cement plaster and doing water proof treatment around the pedestals to prevent leakage of water.
6. All GI structural steel section should be 'CE' quality certified.
7. Drilling & grouting of bolts should be allowed only on columns (i.e. no drilling of holes on RCC folded slab) and only mounting support can be allowed. So that entire load is transferred to columns and ground.
8. Damaged existing water proofing sheet should be re-laid with new one and also around the civil pedestals, to ensure no rain water will leak inside the building after completion of the total erection works.

21. Any other item/items which is/are not listed in BOQ and is required to complete the project without flaw is deemed to be included in the listed BOQ item prices.

22. TECHNICAL SPECIFICATIONS [TS]

1.0 INTRODUCTION

1.1 The plant will be grid connected with energy storage arrangements. The major components will then be the solar photovoltaic modules and grid tie inverters.

2.0 EXISTING ELECTRICAL SYSTEM

2.1 The incoming power from ASEB is at 11 KV and go through different level of step down; 11/0.430 KV in the distribution substations down- stream. Solar Power will be hook-up in 415V MCCB outgoing feeder of SV station.

Schematic SLD of the major electrical installation with the point of connection may be provided during execution of work.

3.0 QUALITY AND WORKMANSHIP

3.1 Solar PV modules are designed to last 25 years or more. It is therefore essential that all system components and parts, including the mounting structures, cables, junction boxes, distribution boxes, clamps nuts & bolts and other parts also have a life cycle of at least 25 years. Therefore all works shall be undertaken with the highest levels of quality and workmanship. During inspection special attention will be given to neatness of work execution and conformity with quality and safety norms. Non-compliant works will have to be redone at the cost of the Installer.

3.2 Components and parts used in solar PV systems should conform to the BIS or IEC or other international specifications, wherever such specifications are available and applicable.

3.3 WARRANTY

Warranty : Solar PCU : 2 years & 12 volt C@ 10 200 Amp Battery : 5 years.

Back up Load : 5000 watt maximum

4.0 SPECIFICATIONS FOR SOLAR PANELS (if any)

4.1 The PV modules must conform to the latest edition of any of the following IEC / equivalent BIS Standards for PV module design qualification and type approval as per IEC 61215 / IS14286. In addition, the modules must conform to IEC 61730 Part 1- requirements



for construction & Part 2 – requirements for testing, for safety qualification. PV modules must also qualify Salt Mist Corrosion Testing as per IEC 61701 / IS 61701.

4.2 Each PV module must use a RF identification tag (RFID), which shall be mandatory placed inside the module laminate and must contain the following information.

- (i) Name of the manufacturer of PV Module
- (ii) Name of the Manufacturer of Solar cells
- (iii) Month and year of the manufacture (separately for solar cells and module)
- (iv) Country of origin (separately for solar cells and module)
- (v) I-V curve for the module
- (vi) Peak Wattage, I_m , V_m and fill factor (FF) V_{oc} , I_{sc} for the module
- (vii) Unique Serial No and Model No of the module
- (viii) Date and year of obtaining IEC PV module qualification certificate
- (ix) Name of the test lab issuing IEC certificate
- (x) Other relevant information on traceability of solar cells and module as per ISO 9000 series.

(IX) Module no the module should have IEC certification.

4.3 (I) PV modules must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years. Also they must be warranted for workmanship and material for 10 years.

(II) Make of modules: MNRE approved reputed ISO certified Indian manufacturer viz. BHEL, Central Electronics Ltd., REIL (Rajasthan Electronics and Instrumentation Ltd.), Luminous, Tata Power Solar systems, etc. under make in India Programme.

(III) Acceptable optimized peak power of each module is 250 W+5W so as to restrict minimum module capacity to 250W.

4.4 Features:

- Superior Module Efficiency as per International Benchmarks
- Positive Power Tolerance $\pm 5W$
- PID Resistant with long term reliability
- Glass with Anti Reflective Coating Improves light transmission
- Salt mist, Ammonia and Hail Resistant
- Sustain Heavy Wind & Snow loads (2400 Pa & 5400 Pa)
- IP 67 rated MC4 compatible connectors
- Excellent performance in Low light
- Sand and Dust storm Resistant
- Screw less frame for high mechanical strength
- Superior reliability with IP 65 protection in all junction boxes for 35W and above, modules with a system voltage of 1,000V.
- Greater than 15 micron on adonization layer on aluminium frame to protect rusting of metal due to moisture and improve the insulation of module.



4.5 Should pass following tests as per IEC norms (Test certificated to be provided along with the materials):

- Thermal cycling test
- Damp heat test
- Wet leakage current test
- Potential induced degradation test
- Solar cells: Cell tester
- EVA: Gel content test and pressure cooker test
- Glass: Fragmentation test
- Frame: Frame anodizing test
- Junction box: IP 65 test
- Ribbon : Elongation test and camber test
- RTV Silicone sealant: Adhesiveness test
- Electroluminescence test for anti-corrosion

4.6 Certifications:

CE, TUV Inter cert, MCS, Intertek, Clean Energy Council, CEC Listed & standard :ISO 9001:2008 , ISO 14001:2004 , OHSAS 18001:2007, IEC 61215 , IEC 61730-1&2 , UL 1730, IEC 61701 & IEC 62716

4.7 Makes: Make in India

MNRE approved reputed ISO certified Indian manufacturer viz. BHEL, Central Electronics Ltd., REIL (Rajasthan Electronics and Instrumentation Ltd.), Luminious, Tata Power Solar systems, etc. under make in India Programme.

5.0 SPECIFICATIONS FOR GRID-TIE STRING INVERTERS

5.1 The solar grid-tie inverter converts the DC power output of the solar PV modules to grid-compatible AC power and the total output power (AC) of the grid-tie inverters shall match the solar PV plant capacity while achieving optimum system efficiency. Operating ambient temperature range shall be considered at -10°C - +60°C and relative humidity 0–95%.

5.2 Power Conditioners / Inverters including MPPT (EN 50530) and Protections shall comply Efficiency Measurements as per IEC 61683 / IS 61683 and Environmental Testing as per IEC 60068-2 (1, 2, 14, 30) /Equivalent BIS Std. In case if the Charge controller is in-built in the inverter, no separate IEC 62093 test is required. Additionally the inverters shall conform to the relevant national / international Electrical Safety Standards wherever applicable as per IEC 62109-1, IEC 62109-2 and anti-islanding protection as per VDE 0126- 1-1, IEC 60255.5 / IEC 60255.27 / IEC 62116.

5.3 **Makes:** ABB, SMA, Fronius, Refusol, Polycab, Luminious, Havells, finolex & Satcon.

5.4 Acceptance:

1. Supply of Factory test certificate for routine as per IEC along with warranty & guarantees certificates.



2. The supplied inverters should have weighted average efficiency under Indian conditions be minimum 93% and minimum input power under Indian conditions should be above 85%.

5.50 **Design:** Appropriate/optimized inverter wattage /power should be chosen with following points mind:

- To meet the total power requirement based on the roof top available area and also area required for maintenance.
- Approval should be obtained from BCPL before procurement backed by detailed technical design calculation documents should be submitted to meet the tender document requirements.
- Optimized wattage should be mentioned in the technical bid along with technical design documents to meet the tender document requirements.

6.0 Technical Specifications:

1. Nominal Inverter Output Rating **Minimum 6.5 KVA.**
2. MPPT Voltage Range 150V to 800V.
3. AC Output with 50Hz frequency 415V Phase to Phase 3 phase.
4. Integrated MPPT Solar Regulator As per design KVA.
5. Minimum Efficiency > 90%, above 30% input power.
6. Accuracy of AC voltage control + / - 1%.
7. Accuracy of frequency control + / - 0.5%.
8. Grid frequency Synchronization range + / - 3 Hz.
9. Maximum Input DC Voltage Based on inverter make, should follow standard.
10. Ambient temperature considered 50 degree C
11. Humidity 95% Non-condensing
12. Protection of Enclosure IP – 65 (Minimum) for outdoor
13. Grid Frequency Tolerance range + / - 3%
14. Grid Voltage tolerance - 20% & + 15%
15. No-load losses Less than 1% of rated power
16. THD <3%
17. Type of Loads all types of loads, resistive, inductive, complex and non-linear
18. Cooling Fan Forced
19. Protections Output peak overload, short circuit, phase imbalance, over voltage, under voltage of the grid, Surge protections (input and output SPD)
20. Control type Voltage source, microprocessor assisted output regulation
21. Certifications Required IEC 600068-1, 2, 14 and 30 or equivalent – Environment IEC 61000-3-15 EMC IEC 61683-Efficiency requirements as Specified above IEC 62116-Islanding Prevention of Utility interconnected PCUs IEEE 1547-Interconnecting Distributed Sources IEC 61727 UL 1741-Safety of Inverters in Distributed Energy sources EN 50530 for MPPT Certification as per equivalent Standards for above standards are also acceptable The inverter shall be capable of complete automatic operation including wake-up, to monitor plant performance.



The inverters should comply with applicable IEC / equivalent BIS standard for efficiency measurement and environmental tests as per standard IEC code.

In case of imported power conditioning units, these should be approved by international test houses.

Module Technologies where +ve or –ve grounding required needs to be identified by bidder and according selection of PCU needs to be done by the bidder.

7.0 DC DISTRIBUTION BOX

7.1 A DC distribution box shall be mounted close to the solar panel. The DC distribution box shall be of IP65 DIN-rail mounting type and shall comprise the following components and cable terminations:

- Incoming positive and negative DC cables from the DC Combiner Box.
- DC circuit breaker, 2 pole (the cables from the DC combiner Box will be connected to this circuit breaker on the incoming side).
- DC surge protection device (SPD), class 2 as per IEC 60364-5-53.
- Outgoing positive and negative DC cables to the solar grid-tie inverter.

7.2 As an alternative to the DC circuit breaker a DC isolator may be used inside the DC Distribution Box or in a separate external IP 65 enclosure adjacent to the DC Distribution Box. If a DC isolator is used instead of a DC circuit breaker, a DC fuse shall be installed inside the DC Distribution Box to protect the DC cable that runs from the DC Distribution box to the solar grid-tie Inverter.

8.0 DC COMBINER BOX

1. A DC Combiner Box shall be used to combine the DC cables of the solar module arrays with DC fuse protection for the outgoing DC cable(s) to the DC Distribution Box.
2. DC disconnect switch should be as per IEC 60947-3, DC fuse rating conform to IEC 60269-1, 2, 6.
3. DC disconnect switch provide safety and protection against over currents in any DC voltage photovoltaic applications and PV solar modular.
4. DC fuse protects against reverse currents in dedicated to PV application.

9.0 AC DISTRIBUTION BOX

9.1 An AC distribution box shall be mounted close to the solar grid inverter. The AC distribution box shall be of IP65 DIN rail mounting type and shall comprise the following components and cable terminations:

- Incoming 3 – core / 3.5-core cable from the solar grid-tie inverter
- AC circuit breaker / isolator, 4-pole.
- AC surge protection device (SPD), class 2 as per IEC 60364-5-53.
- Outgoing cable to the grid / DG interconnection.



9.2 AC Distribution Board (ACDB) shall control the AC power from PCU /inverter, and should have necessary surge arrestors. All switches and the circuit breakers, connectors should confirm to IEC 60947, part I, II and III or EN 50521 standards.

10.0 SURGE PROTECTION

10.1 Surge protection shall be provided on the DC side and the AC side of the solar system. The DC surge protection devices (SPDs) shall be installed in the DC distribution box adjacent to the solar grid-tie inverter. The AC SPDs shall be installed in the AC distribution box adjacent to the solar grid-tie inverter.

10.2 The SPDs earthing terminal shall be connected to earth through dedicated earthing system. The SPDs shall be of type 2 as per IEC 60364-5-53 & NFEN 50539-11

11.0 GENERAL SPECIFICATIONS FOR DC & AC DISTRIBUTION BOXES

11.1 These specifications cover the requirement of design, supply, installation, testing and commissioning of the DC& AC distribution boxes.

11.2 The item specified herein, unless otherwise stated shall conform to the relevant and latest revisions of Indian standards and Indian Electricity Rules.

11.3 The DC & AC distribution boxes shall be designed for operation in high ambient temperature up to 50 degrees centigrade and high humidity of up to 95% and tropical atmospheric conditions. Means shall be provided to facilitate ease of inspection, maintenance and servicing.

11.4 The DC & AC distribution boxes shall be of metal clad, cubicle, outdoor, weather proof, free standing type suitable for mounting on MS frame / concrete platform, with adequate size for mounting the isolator switches/MCBs etc. and ease of cable terminations. Dust and moisture ingress protected, the degree of protection shall be IP- 65 as specified in IS-2147.

11.5 The sheet steel cubicle shall have hinged front access door with easy operating fasteners. All the doors and covers shall be heavily gasketed to make the compartment dust and moisture tight. Door hinges shall be of concealed type.

11.6 The cubicle shall be of minimum 2 mm thick sheet steel. All sheet steel work forming the exterior shall be smoothly finished, levelled and free from flaws. The corners shall be rounded. The minimum thickness of gland plates shall be 3mm.

11.7 The bus bars shall be so arranged as to ensure the necessary degree of safety. Apparatus forming part of the DBs shall have the following minimum clearance.

- i) Between phases – 25 mm,
- ii) Between phase and neutral – 25 mm,
- iii) Between phases and earth – 25 mm,
- iv) Between neutral and earth – 19 mm,

11.8 When, for any reason, the above clearances are not available suitable insulation shall be provided.

11.9 All insulating materials used in the construction of the equipment shall be non-hygroscopic duly treated to withstand the effect of high humidity, high temperature and tropical ambient service conditions.

11.10 All doors / covers providing access to live parts shall be provided with tool operated fasteners to prevent unauthorized access.



11.11 Provisions shall be made for permanently earthing the frames and other metal parts by two independent connections.

11.12 Metal treatment and finish: All steel works used in the construction of the DC & AC distribution boxes shall have undergone a suitable rigorous metal treatment process so as to remove oxide scales and rust formation and to facilitate a durable coating of the paint on the metal surfaces and also to prevent the spreading of rust, in the event of the paint film being mechanically damaged.

11.13 Two coats of anti-corrosive primer followed by a finishing coat of epoxy powder coating of the shade 631 of IS: 5 (i.e Siemens grey) shall be given. The total thickness of paint shall not be less than 25 micron.

11.14 Bus Bars

11.14.1 The bus bars shall be housed in the cubicle at convenient locations with provision for access to the buses from the front. The bus bar shall be suitably rated for the expected short circuit levels. The neutral as well as the earth bus shall be capable of withstanding the above fault level.

11.14.2 Large clearance and creeping distance shall be provided on the bus bar system to minimize the possibility of a fault.

11.14.3 High tension bolts, nuts and spring washers shall be provided at all bus bar joints.

11.14.4 The continuous rating of the aluminium bus bar shall be 0.7A/sq.mm. Maximum temperature of the bus and the connections shall not exceed 85 degrees centigrade. The bus bars shall be of liberal design. The main phase bus bars shall have continuous current rating and the neutral bus bars shall have continuous rating of at 100% of phase bus bars.

11.14.5 All bus bars and tapings shall be provided with colour coded heat shrinkable sleeves for phase / polarity identification.

11.14.6 Installation Testing and commissioning:

The DB boxes shall be installed over the MS frame fixed / grouted on a PCC platform including necessary bolts and nuts. Proper earthing shall be done using two independent GI strip of size 25x3 mm. The MS structure shall be painted with two coats of red oxide primer after cleaning the surfaces thoroughly and two coats of anticorrosive epoxy paint of proper shade as directed by the BCPL representative.

11.14.7 The pre-commissioning tests as required shall be done and the DB boxes shall be commissioned.

12.0 Cables for carrying Power and Control

12.1 The XLPE power cable shall be 1.1kV grade, heavy duty, stranded copper / aluminium conductor, UV resistant (for outdoors) PVC type. An insulated, galvanized steel wire / strip armoured, flame retardant low smoke (FRLS) extruded PVC type ST-1 outer sheathed. The cables shall, in general conform to IS-1554 Part-I & other relevant standards.

12.2 Control Cables: The cable shall be 1.1kV grades, heavy duty, stranded copper conductor, PVC type-A insulated, armoured galvanized steel wire / strip armoured, flame retardant low smoke (FRLS) extruded PVC type ST-1 outer sheathed. The cable shall, in general conform to IS-1554 Part-I & other relevant standards.

12.3 The permissible voltage drop from the SPV Generator to the PCU/inverter shall not be more than 2% of peak power voltage of the SPV power source (generating system). In the



light of this fact the cross-sectional area of the cable chosen is such that the voltage drop introduced by it shall be within 2% of the system voltage at peak power.

12.4 All connections should be properly terminated from outdoor and indoor elements. Relevant codes and operating manuals must be followed.

12.5 LAYING OF CABLES

12.5.1 This specification is intended to cover the requirements of installation and energizing of XLPE power cables.

12.5.2 The power cable and its fixing accessories shall comply with the latest relevant Indian Standards and National Electrical Code.

12.6 General

12.6.1 Cables should be of 1.1Kv grade XLPE insulated unarmoured / armoured with copper / aluminium conductor conforming to IS 7098/part 1/1988

12.6.2 All relevant factory test reports along with warranty and guarantee should be submitted along with the supply of cables. Cable drums should be stored on a plain vibration-free ground. Drums should be stored and kept in such a way that the bottom of the outer cable coil should not be damaged.

12.6.3 Before the commencement of cable laying, it shall be ensured that only the specified cables are used. It shall be the responsibility of the contractor to check the soundness and correctness of the size of the cable. If any defects are noticed during the process of laying, it shall be brought to the notice of the BCPL representative.

12.6.4 The material such as bricks, sand, cable route markers of best quality as approved by the BCPL representative only shall be used for cable laying works.

12.6.5 Contractor shall provide all the necessary labour, tools and other requisites at his own cost for carrying out pumping of water and removing of water from trenches, if any, where required.

12.6.6 Installation shall be carried out in a neat manner by skilled, experienced and competent workmen in accordance with standard practices.

12.6.7 While laying the cable, care shall be taken to avoid formation of kinks and also damage to the cable. In the case of cable bends, it shall not have bent radius lesser than 12 times the overall diameter of the cable.

12.6.8 A power cable loop of about five meters length and as directed by the BCPL representative shall be provided at the following locations.

- a) Near the termination points
- b) Near to the straight through joint

12.6.9 The method of cable laying and routing of cables, shall in every case be as directed by the BCPL representative

12.6.10 Cable shall be laid in Class 'B' GI pipes at all entry to buildings. Whenever cable passes through GI pipes embedded across the wall in a building, both the ends of the pipe shall be suitably sealed.

12.6.11 Identification tags indicating the size of the cable and feeder designation shall be securely attached at both ends of the cable. Such tags shall also be attached to the cable at intervals of 50 Meters. The material of the tags shall be 25x3mm, Al strip. In case of Al strip, the details should be punched. Cable route markers shall be provided at the intervals of 20M with a minimum of one number route marker. The details of the route markers shall be as per



the IS standard. At the locations of straight through joints, necessary joint-markers shall be provided.

12.6.12 When cable runs vertically, it shall be clamped on proper GI cable trays or angle iron frames fixed on walls and are spaced at such intervals as to prevent buckling of the cables. All steel work shall be painted with two coats of red oxide primer after thorough cleaning of surfaces and thereafter finished with suitable anticorrosive paints and provided with appropriate earthing as per IS.

12.7 Cable laid in ground

12.7.1 MV cables (up to 1.1 KV) shall be laid at a minimum depth of 0.75 M when laid in ground. When cable pass through roads, storm drains etc. they must be protected by either by Hume-pipe or GI pipe of suitable dimensions.

12.7.2 Excavations of trenches shall be carried out as indicated in the relevant IS standard. The width of the trench at the bottom shall be 0.4 M for one cable. In case the total number of cables laid in trenches is more than one, then the width shall be such that the spacing between the cables is maintained as in the standard. Before the cable is laid in the trench the bottom of the trench shall be cleared from stones and other sharp materials and filled with sand layer of 150mm.

12.7.3 While removing the cable from the drum, it shall be ensured that the cable drum is supported on suitable jacks and the drum is rotated to unwind the cable from the drum. The cable should never be pulled while unwinding from the drum. It shall be ensured that the cables are pulled over the wooden rollers placed in the trench at intervals not exceeding 2 meters. At no point of time the cable should touch the ground while pulling, it should be always on the Rollers. Contractor should use latest equipment for unrolling and laying the cable

12.7.4 After placing the cables in the trench it shall be filled in layers. First a 150mm layer of fine sand and a layer of red bricks and then back filling excavated soil ensuring there are no big stones or sharp objects in the backfill and that each layer is well rammed by spraying water and consolidated. The extra earth shall be removed from the place of trench and deposited at a place as directed by the BCPL representative.

12.8 Cables laid in built up trench/ trays

12.8.1 Before the commencement of cable laying the cable trench shall be drained properly. Cable shall be properly clamped to the cable supports which are provided in the cable trench / tray. The method of clamping shall suit the size of the cable and the cable supports which are provided in the cable trench. While removing the cable from the drum and also while pulling, all the care that are detailed above should be followed.

12.8.2 Care shall be taken while removing and replacing the trench cover slab. It is the responsibility of the contractor to make good any damages to trench covers, existing cables etc.

12.9 Cable terminations and straight through joints

12.9.1 All cable jointing / termination materials such as straight through joint kits, cable glands, cable lugs, insulation tapes etc. shall be of approved makes. Prior approvals of BCPL representative is to be obtained beforehand.

12.9.2 Cable terminations should be done using suitable double compression gland, crimping with copper lugs.



12.9.3 Cable glands for armoured cables shall include a suitable armour clamp for receiving and securely attaching the armouring of the cable in a manner such that no movement of the armour occurs when the assembly is subjected to tension forces.

12.9.4 The cable gland shall not impose on the armouring; cable bending radius shall not be less than 12 times the diameter of the cable. The clamping ring shall be solid and of adequate strength.

12.9.5 Provision shall be made for attachment of an external earthing bond between the metallic covering of the cable and the metallic structure of the apparatus to which the cable is attached.

12.10 Testing

12.10.1 Once cable is laid, following tests shall be conducted in the presence of BCPL representative, before energizing the cable:

i) Insulation resistance test with 500V megger between the cores and all the cores to earth (Armor) and the results are to be recorded.

ii) Sheathing continuity test.

iii) Continuity and conductor resistance test.

Tests conducted shall be as per IS and National Electrical Code.

13.0 EARTHING

13.1 This specification is intended to cover the requirements of supply, installation, testing and commissioning.

13.2 The PV module structure components shall be electrically interconnected and shall be grounded. Earthing shall be done in accordance with IS 3043-1986, provided that earthing conductors shall have a minimum size of 6.0 mm² copper, 10 mm² aluminium or 70 mm² hot dip galvanized steel.

13.3 A minimum of two separate dedicated and interconnected earth electrodes must be used for the earthing of the solar PV system support structure and distribution boxes with a combined total earth resistance not exceeding 5 Ohm. The earth electrodes shall have a precast concrete enclosure with a removable lid for inspection and maintenance. The entire earthing system shall comprise noncorrosive components.

13.4 The system should be provided with adequate earthing points. This includes earthing for lighting, system grounding, separately for DC and AC active points. The frame of the PV module array should be earthed at multiple points.

13.5 To prevent the damage due to lightning, one terminal of the lightning protection arrangement by way of proper earthing is to be provided. The provision for lightning & surge protection of the SPV power source is separately earthed.

13.6 In case the SPV Array installed in the field separate earth has to be provided for SPV array and System at closer points of the array and the equipment respectively. It shall be ensured that all the earthing are bonded together to prevent the development of potential difference between any two earthing.

13.7 Earth resistance shall not be more than 5 ohms. It shall be ensured that all the earthing are bonded together to make them at the same potential.

13.8 The earthing conductor shall be rated for the maximum short circuit current. & shall be 1.56 times the short circuit current. The area of cross-section shall not be less than 1.6sq mm in any case.



13.9 The array structure of the PV module shall be grounded properly using adequate number of earthing pits. All metal casing / shielding of the plant shall be thoroughly grounded to ensure safety of the personal and power plant.

13.10 Automatic ground fault protection circuits to be installed to monitor any unwanted current flow to the ground and should active to prevent any damage.

13.11 The SPV Power Plant should be provided with lightening and over voltage protection. The principal aim in this protection is to reduce the over voltage to a tolerable value before it reaches the PV or other sub-systems components. The source of over voltage can be lightening or any other atmospheric disturbance. The Lighting Arrestor (LA) is to be made of 1 ¼" diameter (minimum) and 12 feet long GI spike on the basis of the necessary meteorological data of the location of the projects. Necessary foundation for holding the LA is to be arranged keeping in view the wind speed of the site and flexibility in maintenance in future. Latest grounding equipment should be used for this purpose. Each LA shall have to be earthed through suitable size earth bus with earth pits. The earthing pit shall have to be made as per IS 3043.

13.12 Electrode shall be made of GI pipe having a clean surface and not covered with paint, enamel or poorly conducting material. Galvanized pipe shall not be smaller than 38 mm ID. Earthing with pipe electrode shall be done as per the details indicated in IS : 3043/87 Electrodes shall be embedded below permanent moisture level.

13.13 The length of pipe electrodes shall not be less than 2.5m. If rock is encountered, pipes shall be driven to a length of not less than 2.5m with suitable inclination. Pipe shall be in one piece and deeply driven.

13.14 To reduce the depth of burial of an electrode without increasing the resistance, a number of rods or pipes may have to be connected together in parallel. The distance between two electrodes in such a case shall not be less than twice the length of the electrode. The earthing lead shall be connected by means of a through bolt, nuts and washers and cable socket.

13.15 Testing

13.15.1 The earth resistance of each electrode shall be measured by using a reliable and calibrated earth Megger and recorded. The values shall be as per IS/IE rules

14.0 SOLAR PV MODULES MOUNTING STRUCTURE (if any)

14.1 The PV modules shall be mounted on fixed metallic structures having adequate strength and appropriate design, which can withstand the load of the modules and high wind velocities. The support structure shall be hot dip galvanized steel or aluminium alloy.

14.2 Detailed specifications for the mounting structure are given below:

14.3 Wind velocity withstanding capacity: 150 km / hour.

14.4 Structure material: class-B hot dip galvanized steel with a minimum galvanization thickness of 120 microns or aluminium alloy.

14.5 Bolts, nuts, fasteners, and panel mounting clamps should be of galvanized steel and quality certified by CE and manufactured in ISO 9001 company.

14.6 Anchoring arrangement for mounting structure of PV modules on the RCC- roofs shall be with removable concrete ballast, made of polymer modified concrete (PMC)/(LMC) or PCC (1:1.5:3)- M20, that holds the anchor bolts. An epoxy bonding layer is to be provided, in



case M20 mix is used, between the parent concrete and the ballast after removing the waterproofing layer and thoroughly cleaning to expose a clean concrete surface.

14.7 The water proofing layer should be repaired / rebuilt to the original composition and texture wherever broken / disturbed during the installation process of the solar panels and their mounting structures. The ballast / pedestal holding the anchor bolts and the joint between it and the water proofing layer has to be covered with a suitable water proofing layer.

14.8 Civil scope of work should be carried out as per BCPL staff direction.

15.0 Installation

15.1 The structures shall be designed for simple mechanical on-site installation. There shall be no requirement of welding or complex machinery at the installation site. Minimum distance between roof edge and mounting structure shall be 0.6m. Access for panel cleaning and maintenance should be provided. All solar panels must be accessible from the top for cleaning and from the bottom for access to the module junction box.

15.2 Panels shall be installed in North – south orientation in south facing.

15.3 The prospective Installer shall specify installation details of the solar PV modules and the support structures with lay-out drawings, other technical details and array connection diagrams. The work shall be carried out as per the design provided by BCPL.

15.4 Installation & Commissioning and Safety: the installation of the PV arrays, Inverters and other components should be as per the IEC 61173, IEC 62548, IEC 61140 and IEC 62109 – 1 & 2 standards.

16.0 General

16.1 All materials used for connecting the earth lead with electrode shall be of GI in case of GI pipe and GI plate electrodes, and of tinned brass in case of copper plate electrode. The earthing lead shall be securely connected at the other end to the main board.

16.2 The earthing lead from electrode onwards shall be suitably protected against mechanical injury by routing the earth wire / strip through a suitable size of GI pipe wherever necessary.

16.3 All medium voltage equipment shall be earthed by two separate and distinct connections with the earth. All materials, fittings etc. used in earthing shall conform to Indian standard specifications wherever they exist. In the case of materials for which Indian standard specifications do not exist, such materials shall be approved by the ARCI representative.

16.4 The earth electrode shall be kept free from paint, enamel and grease. It shall be ensured that similar materials are used for respective earth electrodes and earth conductors. Earth electrode shall not be installed in proximity to a metal fence.

16.5 Copper/GI strip shall be connected to the respective earth electrodes, either by brazing or welding respectively. The Copper/GI strip shall be jointed only either by brazing or by riveting at the end of over lapping portions. The overlap shall not be less than 50 mm.

16.6 Earthing clamps used for supporting earth strips shall be made of such materials so as to avoid bimetallic action between strip and clamps.

16.7 The installation, commissioning & trials to demonstrate proper functioning of the all the systems will be the responsibility of the supplier.

17.0 TOOLS, TACKLES AND SPARES



The Installer shall keep ready stock of tools, tackles and essential spares that will be needed for the day-to-day maintenance of the solar PV system. This shall include but not be limited to, the following:

- I. Screw driver suitable for the junction boxes and combiner boxes.
- II. Screw driver and / or Allen key suitable for the connectors, power distribution blocks, Circuit breaker terminals and surge arrestor terminals.
- III. Spanners / box spanners suitable for the removal of solar PV modules from the solar PV module support structure.
- IV. Solar panel mounting clamps.
- V. Cleaning tools for the cleaning of the solar PV modules.
- VI. Spare fuses.

18.0 CAUTION SIGNS

In addition to the standard caution and danger boards or labels as per Indian Electricity Rules, the cable junction box near the solar grid-tie inverter, the building PCC board to which the AC output of the solar PV system is connected shall be provided with a non-corrosive caution label with the following text: 18.2. The size of the caution label shall be minimum 105mm (width) x 20mm (height) with white letters on a red background.

19.0 DOCUMENTATION

19.1 The complete documentation should be as per IEC 62446 and submitted to BCPL: One set of operation manuals complete list with drawing, parts list (with part codes) circuit diagrams with list ratings of components and list of do's and don'ts for the main equipment as well as the sub-systems should be submitted to BCPL.

One set of maintenance manuals with full information on drawings, circuit diagrams, list and suppliers addresses for bought out parts, troubleshooting charts, programs of built in controllers etc. for the main equipment as well as for the sub-system.

These manuals should be in the form of hard (printed) d) copy in English Language as well as in electronic storage form (disc pen drive etc.)

19.2 A certificate for the adequacy of the manuals should be obtained and provided with the manuals. Such certificate must be signed by the QA engineer of the manufacturer

19.3 The Installer shall supply the following documentation also:

- a) System description with working principles.
- b) System single line diagram.
- c) Solar PV array lay-out.
- d) Routing diagram of cables and wires.
- e) Data sheets and user manuals of the solar PV panels and the solar grid-tie inverter.
- f) A system operation and maintenance manual.
- g) Name, address, mobile number and email address of the service centre to be contacted in case of failure or complaint.
- h) Warranty cards.
- i) Maintenance Register.

20.0 TEST CERTIFICATES AND REPORTS TO BE FURNISHED



20.1 Test Certificates / Reports from IECQ / NABL accredited laboratory or MNRE approved test centres for relevant IEC / equivalent BIS standard for quoted components shall be furnished.

20.2 Type Test Certificates shall be provided for the solar modules and the solar grid inverters to provide evidence of compliance with standards as specified in relevant articles of this Technical Specification.

20.3 BCPL reserves the right to ask for additional test certificates or (random) tests to establish compliance with the specified standards.



SECTION – VI

SCOPE OF WORK

(May refer section-V only)



SECTION-VII

HEALTH, SAFETY ENVIRONMENT [HSE] SPECIFICATIONS



SECTION-VIII

HEALTH, SAFETY AND ENVIRONMENT [HSE] SPECIFICATIONS

1.0 SCOPE

These specifications establish the 'Health, Safety and Environment [HSE] Management' requirement to be complied with by the Contractors during executing their Job. Requirements stipulated in these specifications shall supplement the requirements of 'HSE Management' given in relevant act(s) / legislation(s).

2.0 REQUIREMENTS OF 'HEALTH, SAFETY AND ENVIRONMENT [HSE] MANAGEMENT SYSTEM' TO BE COMPLIED BY BIDDERS

- 2.1 Preferably, the Contract should have a documented 'HSE Policy' to cover commitment of their organization to ensure health, safety and environment aspects in their line of operations.
- 2.2 The Contractor shall ensure that the BCPL's 'Health, Safety and Environment [HSE]' requirements are clearly understood and faithfully implemented at all level, at sites.
- 2.3 Contractor shall promote & develop consciousness for health, safety & environment among all personnel working for the Contractor. Regular work-site meetings shall be arranged on 'HSE' activities to cover hazards involved in various operations during executing their jobs, location of First Aid Box, trained personnel to give First Aid, Assembly Points, standby Ambulance or vehicle and fire protection measures such as fire hydrant, water and fire extinguishers, etc.
- 2.4 Non-conformance of 'HSE' by Contractor [including his sub-Contractors] as brought out during review/audit by BCPL / external agency authorized by BCPL, shall be complied by Contractor and its report to be submitted to BCPL.
- 2.5 Contractor shall adhere consistently to all provisions of 'HSE' requirements. In case of non-compliance of continuous failure in implementation of any of the 'HSE' provisions, BCPL may impose stoppage of work and a suitable penalty for non-compliance. The decision of imposing work-stoppage, its extent & monetary penalty shall rest with BCPL.
- 2.6 All fatal accidents and other personnel accidents shall be investigated for root cause by BCPL and Contractor shall extend all necessary help and cooperation in this regard. Recommend corrective and preventive actions of findings will be communicated to Contractor for taking suitable actions should be taken by the Contractors to avoid recurrence of such incidences.
- 2.7 Contractor shall ensure that all their staffs and workers, including their sub-Contractor(s), shall wear 'Personal Protective Equipments [PPEs]' such as safety helmets, safety shoes, safety belts, protective goggles, gloves, etc., as per job requirements. All these gadgets shall conform to relevant IS specifications or equivalent.
- 2.8 Contractor shall assign competent & qualified personnel for carrying out various tasks/jobs as per requirement.
- 2.9 All equipments should be tested and certified for its capacity before use.
- 2.10 Contractor shall ensure storage and utilization methodology of materials that are not detrimental to the environment. Where required, Contractor shall ensure that only the environment-friendly materials are used.
- 2.11 All persons deployed at site shall be knowledgeable of and comply with the environmental laws, rules and regulations relating to the hazardous material substances and waste. Contractor shall not dump release or otherwise discharge or dispose off any such materials without the express authorization of BCPL.
- 2.12 Contractor should obtain all work permits before start of activities [as applicable] like hot work, confined space, work at heights, storage of chemicals/explosive materials and its use & implement all precautions mentioned therein.



- 2.13 Contractor should display at site office and work locations caution boards, provide posters, banners for safe working to promote safety consciousness, etc.
- 2.14 Contractor should carryout audits/inspections/supervisions at the sub-Contractor's works and submit the reports for review by BCPL.

1.0 RELEVANT CODES FOR 'PERSONAL PROTECTION EQUIPMENTS'

925 – 1984	Industrial Safety Helmets
7701 – 1968	Rubber Gloves for Electrical Purpose
994 - 1973 [Part-I]	Industrial Safety Gloves [Leather & Cotton Gloves]
989 - 1986 [Part-II]	Leather Safety Boots & Shoes
557 - 1969	Industrial & Safety Rubber Knee Boots
519 – 1971	Code of Practice for Selections, Care & Repair of Safety Footwear
1226 – 1985	Leather Safety Footwear Having Direct Molding Sole
983 - 1978	Eye Protectors
167 - 1979	Ear Protectors
521 - 1983	Industrial Safety Belts & Harnesses



SECTION-VIII

SCHEDULE OF RATES [SOR]



TENDER NO: BCPL/C&P/LE19C044SD/02598 FOR “MODIFICATION WORKS OF EXISTING 5KW SOLAR SYSTEM AT SV STATION – 3 OF LEPETKATA- LAKWA PIPE LINE OF BCPL”

SCHEDULE OF RATE (UN-PRICED SOR)

NAME OF THE BIDDER: _____

SL. NO.	MATERIAL DESCRIPTION	UNIT	QTY	UNIT RATE (IN Rs.)	P&F	FREIGHT	GST	GRAND TOTAL (IN Rs.)	
								IN FIGURE	IN WORDS
1	BATTERY BACKUP FOR 5 KV SOLAR PLANT LONG TEXT: BATTERY BACKUP FOR 5 KV SOLAR PLANT WITH REQUIRED ACCESSORIES	EA	01	QUOTED	QUOTED	QUOTED	QUOTED	QUOTED	QUOTED
TOTAL AMOUNT:								QUOTED	
TOTAL AMOUNT (In Words):								QUOTED	
Name of authorized person submitting the tender on behalf of the Bidder (s):									
Designation of authorized person:									
Name of firm / Contractor:									
Address of firm / Contractor:									
Date & Place:									