



BRAHMAPUTRA CRACKER AND POLYMER LIMITED

[A Government of India Enterprises]

TENDER NO.: BCPL/DIB/C&P/SER/20130136/BB

TENDER

FOR

**MISCELLANEOUS WORKS TENDER (ELECTRICAL & CIVIL)
FOR ESTABLISHMENT OF LABORATORY AT
BRAHMAPUTRA PETROCHEMICAL COMPLEX, LEPETKATA,
ASSAM**

Regd.Office: Hotel Brahma Putra Ashok, M.G.Road, Guwahati-781001, Assam: Tel: 0361-2733554, 0361-2733556(Fax)

Project Office: Main Fire Station Building, P.O. Lepetkata, Dibrugarh - 786006 Tel: 0373- 2914611

Project Execution office: 3rd Floor, GTI; 24, Sector 16A; NOIDA 201 301: Tel: 0120 2513102

www.bcplindia.co.in

CUT – OUT SLIP

DO NOT OPEN - THIS IS A QUOTATION

PART- I (UN-PRICED BID)

NAME OF WORK:

**MISCELLANEOUS WORKS TENDER
(ELECTRICAL & CIVIL) FOR ESTABLISHMENT
OF LABORATORY AT BRAHMAPUTRA
PETROCHEMICAL COMPLEX, LEPETKATA,
ASSAM**

**BIDDING DOCUMENT
NO.:**

BCPL/DIB/C&P/SER/20130136/BB

UNPRICED BID DUE DATE & TIME: 21/02/2014 (2-30P.M.)

From :

To :

<i>Bidder's Name:</i>	OFFICE OF THE DY. GENERAL MANAGER(C&P)
<i>Address:</i>	M/S. BRAHMAPUTRA CRACKER & POLYMER LIMITED (BCPL), LEPETKATA CENTRAL WAREHOUSE, BCPL-PROJECT SITE, P.O. LEPETKATA DIST: DIBRUGARH, PIN - 786006
<i>Mob. No:</i>	ASSAM
<i>e-mail id:</i>	PH NO.:0373-2914611

{TO BE PASTED ON THE ENVELOPE CONTAINING PART-I (UNPRICED BID)}

CUT – OUT SLIP

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PART- II (PRICED BID)

NAME OF WORK:

**MISCELLANEOUS WORKS TENDER
(ELECTRICAL & CIVIL) FOR ESTABLISHMENT
OF LABORATORY AT BRAHMAPUTRA
PETROCHEMICAL COMPLEX, LEPETKATA,
ASSAM**

**BIDDING DOCUMENT
NO.:**

BCPL/DIB/C&P/SER/20130136/BB

UNPRICED BID DUE DATE & TIME: 21/02/2014 (2-30P.M.)

From :

To :

Bidder's Name:

Address:

Mob. No:

e-mail id:

OFFICE OF THE DY. GENERAL
MANAGER(C&P)
M/S. BRAHMAPUTRA CRACKER &
POLYMER LIMITED (BCPL), LEPETKATA
CENTRAL WAREHOUSE,
BCPL-PROJECT SITE, P.O. LEPETKATA
DIST: DIBRUGARH, PIN - 786006
ASSAM
PH NO.:0373-2914611

{TO BE PASTED ON THE ENVELOPE CONTAINING PART-II (PRICED BID)}

CUT – OUT SLIP

DO NOT OPEN - THIS IS A QUOTATION

PART- III (EARNEST MONEY DEPOSIT)

NAME OF WORK:

**MISCELLANEOUS WORKS TENDER
(ELECTRICAL & CIVIL) FOR ESTABLISHMENT
OF LABORATORY AT BRAHMAPUTRA
PETROCHEMICAL COMPLEX, LEPETKATA,
ASSAM**

**BIDDING DOCUMENT
NO.:**

BCPL/DIB/C&P/SER/20130136/BB

UNPRICED BID DUE DATE & TIME: 21/02/2014 (2-30P.M.)

From :

To :

<i>Bidder's Name:</i>	OFFICE OF THE DY. GENERAL MANAGER(C&P)
<i>Address:</i>	M/S. BRAHMAPUTRA CRACKER & POLYMER LIMITED (BCPL), LEPETKATA CENTRAL WAREHOUSE, BCPL-PROJECT SITE, P.O. LEPETKATA DIST: DIBRUGARH, PIN - 786006 ASSAM
<i>Mob. No:</i>	PH NO.:0373-2914611
<i>e-mail id:</i>	

{TO BE PASTED ON THE ENVELOPE CONTAINING PART-III (BID
SECURITY/EARNEST MONEY DEPOSIT)}

CUT – OUT SLIP

DO NOT OPEN – THIS IS A QUOTATION

TECHNO COMMERCIAL BID

NAME OF WORK:

**MISCELLANEOUS WORKS TENDER
(ELECTRICAL & CIVIL) FOR ESTABLISHMENT
OF LABORATORY AT BRAHMAPUTRA
PETROCHEMICAL COMPLEX, LEPETKATA,
ASSAM**

**BIDDING DOCUMENT
NO.**

BCPL/DIB/C&P/SER/20130136/BB

UNPRICED BID DUE DATE & TIME: 21/02/2014 (2-30P.M.)

From :

To :

Bidder's Name:

Address:

Mob. No:

e-mail id:

OFFICE OF THE DY. GENERAL
MANAGER(C&P)
M/S. BRAHMAPUTRA CRACKER &
POLYMER LIMITED (BCPL), LEPETKATA
CENTRAL WAREHOUSE,
BCPL-PROJECT SITE, P.O. LEPETKATA
DIST: DIBRUGARH, PIN - 786006
ASSAM
PH NO.:0373-2914611

**{TO BE PASTED ON THE OUTER MOST ENVELOPE IN ADDITION TO
ENVELOPE CONTAINING PART-I, (UNPRICED BID), PART-II (PRICED
BID) AND PART-III (BID SECURITY/EARNEST MONEY DEPOSIT)}**

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NOTICE INVITING TENDER (NIT)

(Tender no.) BCPL/DIB/C&P/SER/20130136/BB

Brahmaputra Cracker & Polymer Ltd., stands for BCPL Dibrugarh here-in-after called OWNER/COMPANY/BCPL invites you to submit your bids under two bid system for the following works for **BRAHMAPUTRA CRACKER & POLYMER LIMITED, AT LEPETKATA, DIBRUGARH, ASSAM.**

A)	NAME OF WORK	:	MISCELLANEOUS WORKS TENDER (ELECTRICAL & CIVIL) FOR ESTABLISHMENT OF LABORATORY AT BRAHMAPUTRA PETROCHEMICAL COMPLEX, LEPETKATA, ASSAM
B)	CONTRACT PERIOD	:	04 MONTHS
C)	TENDER FEE	:	NOT APPLICABLE.
D)	BID DOCUMENTS AVAILABLE ON WEBSITE	:	FROM 17.00HRS ON 27/01/2014 ON www.bcplonline.co.in and www.gailtenders.in
E)	EARNEST MONEY DEPOSIT	:	Rs 3,53,000/- (Rupees Three Lakhs Fifty Three Thousand Only)
F)	PRE-BID CONFERENCE	:	AT. 15.00 Hrs on 06/02/2014, in C&P office at Administrative Building at BCPL, Lepetkata Dibrugarh.
G)	DATE & TIME FOR RECEIPT OF BID	:	21/02/2014 up to 14.30 Hrs.
H)	DATE & TIME FOR OPENING OF BID	:	21/02/2014 at 15.00 Hrs. (if the particular day is a HOLIDAY at BCPL, Lepetkata the un-priced bids shall be opened on next working days
I)	PLACE & SUBMISSION OF BID	:	DGM (C&P), C&P Office, Administrative Building at BCPL Lepetkata PO – Lepetkata, LEPETKATA-786006 DIBRUGARH, ASSAM

The Earnest Money Deposit (EMD) for the amount as mentioned above shall be submitted in the form of crossed Bank Demand Draft drawn on any Nationalized/Scheduled bank in favour of Brahmaputra Cracker & Polymer Limited, payable at Dibrugarh, Assam. Alternatively, Earnest Money deposit may also be submitted through Bank Guarantee from any Indian Scheduled Bank or a branch of an International Bank situated in India and registered with Reserve Bank of India as scheduled foreign bank in the proforma attached with the Tender Document. However, other than the Nationalized

Indian Banks, the banks whose BGs are furnished must be commercial banks having net worth in excess of Rs 100 Crores and a declaration to this effect should be made by such commercial bank either in the bank guarantee itself or separately on a letter head.

The complete bidding document is also available on the website of GAIL (www.gailtenders.in) and BCPL (www.bcplonline.co.in).

SUBMISSION OF BIDS:

The Bid shall be submitted in the following manner in separately sealed envelopes duly super scribed:

- a) PART – I : TECHNICAL AND UNPRICED COMMERCIAL PART**
- b) PART – II: PRICE PART**

PART – I of the bid shall contain the following:

- a) Bid/Offer in hard copy as per the requirement of the Bidding Document duly signed and stamped on each page.
- b) Master Index enclosed with Request for Quotation duly signed and stamped by the bidders in token of having received and read all parts of bidding documents and having accepted and considered the same in preparing and submitting the bid.
- c) Earnest Money deposit as specified in Instructions to Bidders (ITB)

PART – II of the bid shall contain the following:

Bidder shall fill price in Schedule of Prices. In this part of bid, the bidder shall not stipulate any conditions. There shall not be any over writing.

BIDDERS EVALUATION CRITERIA FOR THIS TENDER WILL BE AS UNDER:

2.4.1 Technical BEC:

- a) Bidder should have executed and completed at least one single contract of similar nature of works having value not less than Rs 88.00 Lakhs (Rupees Eighty Eight Lakhs Only) in the previous seven years to be reckoned from the due date of bid submission.
- b) Similar nature of Works as mentioned above shall mean “ **order executed for supply, installation and commissioning of building electrical works including cabling, lighting, earthing consisting of electrical power and control cables, flame proof lighting, panels/power panels, flameproof lighting fixtures and flame proof sockets etc.**”
- c) Bidder must submit documentary proof i.e. copy of Work Order and Completion Certificate issued by the client clearly mentioning the work order reference number , duly notarized by Notary Public/ Gazetted officer to authenticate compliance to above BEC.

All documents furnished by the bidders in compliance of Technical BEC shall necessary be duly certified/ attested by Chartered Engineer and Notary Public with legible stamp.

2.4.2 Financial BEC:

- a) The annual turnover of the bidder should be minimum **Rs 88.00 Lacs** in any of the preceding three financial years (FY 2010-11, 2011-12 & 2012-13).
- b) The Financial Net Worth of the bidder should be positive as per the last Audited Financial Statement i.e. FY 2012-13.
- c) The bidder should have minimum working capital of **Rs 17.60 lacs** as per the last audited financial year i.e. FY 2012-13. If the bidder's working capital is inadequate, the bidder shall supplement this with a letter issued by their Banker having net worth not less than **Rs 100 Crore**, conforming the availability of line of credit to meet the above specified working capital requirement.

All documents furnished by the bidders in compliance of Financial Criteria of BEC shall be submitted with "Details of financial capability of bidder" in prescribed format at Annexure –A duly signed and stamped by a chartered accountant. Further copy of audited annual financial statements submitted in bid shall be duly certified/attested by notary public with legible stamp.

2.4.3 Experience acquired by a bidder as a sub-contractor shall also be considered for qualifying the experience criteria of BEC. In such cases, bidder shall be required to furnish the following documents in support of meeting the BQC:

- i) Copy of work order along with SOR issued by main contractor.
- ii) Copies of Completion Certificates from the end User/ Owner and also from the main contractor. The Completion Certificates shall have details like work order no. /date, brief scope of work, ordered & executed value of the job, completion date etc.

2.4.4 However, Bids of Joint Venture/Consortium not acceptable.

2.5 A job executed by a bidder for its own plant/projects cannot be considered as experience for the purpose of meeting requirement of BEC of the tender. However jobs executed for a subsidiary /Fellow Subsidiary /Holding company will be considered as experience for the purpose of meeting BEC subject to submission of Tax paid invoice (s) duly certified by Statutory Auditor of the bidder towards payment of Statutory tax in support of the job executed for subsidiary/Fellow subsidiary/Holding company. Such bidders to submit these documents in addition to the documents specified in the bidding documents to meet BEC.

Bids would be evaluated on overall lowest quoted bid basis.

**SUBMISSION OF ATTESTED COPIES OF CERTIFICATES /
DOCUMENTARY EVIDENCES**

- Attested copies of all the relevant documents viz. Work Order(s), Execution Certificate(s), Annual Report / Balance Sheet and Profit & Loss Account and other documents as mentioned in Exhibit 'A'.
- Attested copy (ies) of partnership deed (in case of partnership firm) and power of attorney.
- Attested copy of P. F. certificate.
- Attested copy of PAN Card.
- Affidavit (on non-judicial stamp paper) duly notarized, as per clause no. 38.2 of Special conditions of Contract Part-A.
- An undertaking (by the bidders who quotes by down loading the tender from web site) on their letter head stating that "The contents of the Tender Document have not been modified or altered by M/s (Name of the bidder with complete address). In case, it is found that the tender document has been modified / altered by the bidder, the bid submitted by the M/s (Name of the bidder) shall be liable for rejection".

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

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

All out-station bids, if sent by post, should be sent under registered cover. Any excuse regarding late delivery of bid due to any reason whatsoever will not be entertained.

Bidders may depute their authorized representative to attend the bid opening. Bidders selected for opening of their priced bid shall be informed about the date and time of price bid opening.

Any change in bid after due date of submission of tender will not be considered.

Bidders are advised in their own interest to ensure that their bids reach this office well before the closing date and time of the tender as the bids received after the closing date and time of the tender will not be considered.

Please confirm that you have received the tender document and will be quoting for the tender items/jobs. In case you are not quoting for the same, please return complete set of tender documents.

The Bidder is required to submit the bid along with their covering letter under letter head disclosing the name and designation of authorized person signing

the bid, complete postal address of firm / company, telephone no., fax no., e-mail etc.

GUIDELINES FOR SCRUTINY/COMPARISON OF BIDS:-

The discrepancies in rate filled for various items shall be resolved in the following manner:-

- (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.
- (iv) In case it is observed that any bidder has not quoted for any item in the Schedule of Rates (Such unquoted item not being in large numbers), the quoted price for the purpose of evaluation shall be considered as the maximum rate quoted by the remaining bidder for such items.

If after evaluation, such bidder is found to be the lowest evaluated bidder, the rates for the missing item shall be considered as included in quoted bid price.

If the estimated price impact of the unquoted items is more than 10% of the bidder's quoted price, the above provision shall not be applicable and such bid shall be rejected.

EVALUATION IN RESPECT OF EXCISE DUTY/SERVICE TAX/VAT:

1. In case of Excise duty and service tax, bids shall be evaluated after considering the effect of available excise duty and service tax to avail input tax credit.
2. If the item is entitled for availing of input tax credit on VAT under Assam Value Added Act 2003, the bid shall be evaluated after considering the effect of ITC on VAT. In case bidders quote as inclusive of VAT, same shall not be considered during evaluation of bid.
3. Bidders are requested to mention the above components clearly in the SOR so that evaluation can be done accordingly.
4. In case the applicable amount towards VAT/Excise Duty /Service Tax as mentioned by the bidder is considered for giving benefit during evaluation of bid as stated above, the bidder must ensure to submit their invoice as per their declared applicable taxes & duties. If the bidder does not pass on the benefit to that extent to BCPL, the differential amount shall be deducted from their bill.

SERVICE TAX: -

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

PUBLIC PROCUREMENT POLICY (PPP), 2012

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

- i) In Tender, participating Micro and Small Enterprises quoting price within price band of L1+15% shall also be allowed to supply a portion

of requirement by bringing down their prices to L-1 price in a situation where L-1 price is from someone other than a micro small enterprises and such micro and small enterprises shall be allowed to supply up to 20% of the total tendered value. In case of more than one such Micro and small Enterprises, the supply shall be shared proportionately (to tendered quantity). Further, out of above 20%, 4% (20% of 20%) shall be from MSEs owned by SC/ST entrepreneurs. This quota is to be transferred to other MSEs in case non-availability of MSEs owned by SC/ST entrepreneurs.

- ii) The quoted prices against various items shall valid in case of splitting of quantities of the items as above.
- iii) In case bidder is a Micro or Small Enterprise under Micro, Small and Medium Enterprises Development Act, 2006, the bidder shall submit the following:
 - a) Documentary evidence that the bidder is a Micro or Small Enterprises registered with District Industries Centers or Khadi and village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises.
 - b) If the MSE is owned by SC/ST Entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regards.

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

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

In case of MSEs, Tender fees & EMD/Bid Security is not applicable.
Implementation of above provision is at the discretion of BCPL

Brahmaputra Crackers & Polymers Ltd. reserves the right to accept or reject any or all bids received, at its absolute discretion, without assigning any reason whatsoever.

PRICE REDUCTION SCHEDULE:

Time is the essence of the CONTRACT. In case the CONTRACTOR fails to complete the WORK within the stipulated period, then, unless such failure is due to Force Majeure or due to EMPLOYER's defaults, the Total Contract price shall be reduced by ½ % of the total Contract Price per complete week of delay or part thereof subject to a maximum of 5 % of the Total Contract Price, by way of reduction in price for delay and not as penalty. The said amount will be recovered from amount due to the Contractor/ Contractor's Contract Performance Security

payable on demand. The decision of the ENGINEER-IN-CHARGE in regard to applicability of Price Reduction Schedule shall be final and binding on the CONTRACTOR.

All sums payable under this clause is the reduction in price due to delay in completion period at the above agreed rate.

You are requested to depute your representative along with authorization letter at the time of bid opening.

Thanking you,

For BRAHMAPUTRA CRACKER & POLYMER LIMITED,

B J BARMAN

SR. OFFICER (CONTRACTS & PROCUREMENT)

bhaskar.barman@bcplindia.co.in

0373-2914609/635

NOTE:

1. Bidders are requested to fill all the Annexure as enclosed in the tender documents.
2. Bidders must sign & stamp on each page of tender document.

Exhibit 'A'

**CONFIRMATION OF BIDDERS FOR MEETING BEC AND OTHER REQUIREMENTS OF
TENDER**

TENDER NO: BCPL/DIB/C&P/SER/20130136/BB

SN	TENDER REQUIREMENT	BIDDER'S REPLY / CONFIRMATION
1	a) Bidder should have executed and completed at least one single contract of similar nature of works having value not less than Rs 88.00 Lakhs (Rupees Eighty Eight Lakhs Only) in the previous seven years to be reckoned from the due date of bid submission. b) Similar nature of Works as mentioned above shall mean “ order executed for supply, installation and commissioning of building electrical works including cabling, lighting, earthing consisting of electrical power and control cables, flame proof lighting, panels/power panels, flameproof lighting fixtures and flame proof sockets etc.” c) Bidder must submit documentary proof i.e. copy of Work Order and Completion Certificate issued by the client clearly mentioning the work order reference number , duly notarized by Notary Public/ Gazetted officer to authenticate compliance to above BEC. FINANCIAL:- a) The The annual turnover of the bidder should be minimum Rs 88.00 Lacs in any of the preceding three financial years (FY 2010-11, 2011-12 & 2012-13). a)The Financial Net Worth of the bidder should be positive as per the last Audited Financial Statement i.e. FY 2012-13. b)The bidder should have minimum working capital of Rs 17.60 lacs as per the last audited financial year i.e. FY 2012-13. If the bidder's working capital is inadequate, the bidder shall supplement this with a letter issued by their Banker having net worth not less than Rs 100 Crore, conforming the availability of line of credit to meet the above specified working capital requirement.	Reference of attested copies of documents furnished: 1. 2.
2	The bidder should have valid E.P.F. Registration no. / Contractor should produce necessary EPF code before commencement of work.	Reference of attested copies of documents furnished: 1.
3	Affidavit duly notarized, as per clause no. 38.2 of Special conditions of Contract Part-A	Reference of document furnished
4	Power of Attorney in favour of person who has signed the offer in stamp paper of appropriate value.	Reference of document furnished 1.
5	An undertaking by the bidders (who quotes by down loading the tender from web site) as instructed in the Page no.3 of RFQ.	Reference of document furnished 1.
6	Attested copy of PAN Card	

7	Attested copy of VAT registration certificate under Assam Value Added Tax.	
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Note:

Please note that the documents listed by you above only shall be considered for evaluation of your claim of meeting Bidder Evaluation Criteria & other requirements of the tender. Any other documents, not included above shall not be considered. Further please note that all the documents submitted should be attested by a Gazetted officer / Notarized.

Date:

Bidder's signature_____

CHECK LIST FOR SUBMISSION OF DOCUMENTS

Bidder is requested to fill this check list and ensure that all detail / documents have been furnished as called for in the Bidding Document along with duly filled in, signed & stamped checklist with each copy of the “Un-priced bid (Part-I)”.

Please tick the box and ensure compliance:

SL. NO.	DETAILS OF DOCUMENTS	BIDDER'S CONFIRMATION
01.	EMD OF REQUISITE AMOUNT IS SUBMITTED IN THE FORM OF DD/BG FROM ANY SCHEDULED BANK AS MENTIONED IN RFQ.	EITHER DEMAND DRAFT DD NO. _____ DATED: _____ DRAWN ON: _____ OR BANK GUARANTEE BG NO. _____ DATED: _____ VALID UPTO: _____ (BG VALID UPTO 06 MONTHS FROM THE DUE DATE OF SUBMISSION OF BID)
02.	SUBMISSION OF DOCUMENTS AS PER EXHIBIT 'A' DULY FILLED IN SUBMITTED.	
03.	VALIDITY OF OFFER IS UP TO THREE (03) MONTHS FROM THE DATE OF SUBMISSION OF TECHNO-COMMERCIAL PART.	YES VALID UPTO: _____
04.	POWER OF ATTORNEY IN FAVOUR OF PERSON WHO HAS SIGNED THE OFFER IN STAMP PAPER OF APPROPRIATE VALUE.	
05.	PARTNERSHIP DEED IN CASE OF PARTNERSHIP FIRM AND ARTICLES OF ASSOCIATION IN CASE OF LIMITED COMPANY.	
06.	COPY OF THE P. F. REGISTRATION NO. ISSUED BY THE P. F. AUTHORITIES.	EPF REGISTRATION NO: _____
07	CONTRACTOR SHOULD PRODUCE NECESSARY EPF CODE BEFORE COMMENCEMENT OF WORK.	AGREED / DISAGREE
08	ORIGINAL BIDDING DOCUMENT ALONG WITH BLANK (UN-PRICED) COPY (2 NOS) OF PRICE BID (SCHEDULE OF RATES) AND ADDENDUM, IF ANY.	
09	NO DEVIATION CONFIRMATION IN THE PROFORMA ENCLOSED.	
10	AFFIDAVIT DULY NOTARIZED, AS PER CLAUSE NO. 38.2 OF SPECIAL CONDITIONS OF CONTRACT PART – A.	
11	ALL PAGES / DOCUMENTS ARE STAMPED AND SIGNED BY THE AUTHORIZED SIGNATORY OF THE BIDDER TOWARDS ACCEPTANCE OF TERMS AND CONDITIONS OF THE TENDER.	
12	COPY OF PAN CARD DULY ATTESTED.	
13	CONFIRM TO SUBMIT VAT REGISTRATION CERTIFICATE AS PER CLAUSE 12.7 OF SCC PART B ASSAM VALUE ADDED TAX.	

SIGNATURE OF BIDDER : _____
 NAME OF BIDDER : _____
 COMPANY SEAL : _____

FORMAT FOR CHARTERED ACCOUNTANT CERTIFICATE FOR FINANCIAL CAPABILITY OF THE BIDDER

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

A. ANNUAL TURNOVER OF LAST 3 YEARS:

YEAR	AMOUNT (CURRENCY)
Year 1:	
Year 2:	
Year 3:	

B. FINANCIAL DATA FOR LAST AUDITED FINANCIAL YEAR:

DESCRIPTION		YEAR____ (AMOUNT - CURRENCY)
1.	Current Assets	
2.	Current Liabilities	
3.	Working Capital (Current Assets-Current liabilities)	
4.	Net Worth (Paid up share capital and Free Reserve & Surplus)	

Name of Audit Firm/
Signatory]
Chartered Accountant
Date:

[Signature of Authorized

Name:
Designation:
Seal:
Membership no.

INSTRUCTIONS:

1. The financial year would be the same as one normally followed by the bidder for its Annual Report.
2. The bidder shall provide the audited annual financial statements as required for this Tender document. Failure to do so would result in the Proposal being considered as non-responsive.
3. For the purpose of this Tender document, (i) Annual Turnover shall be "Sale value/Operating Income" (ii) Working Capital shall be "Current Assets less Current liabilities" and (iii) Net Worth shall be "Paid up share capital and Free Reserves & Surplus."

ACKNOWLEDGEMENT CUM CONSENT LETTER

(Within 7 days of receipt of Bidding document, Bidder shall acknowledge the receipt and confirm his intention to Bid against the enquiry/tender through e-mail to or per return FAX by filling up the this Format.)

To,
DGM (C&P)
CENTRAL WARE HOUSE
BCPL Project Site
Lepetkata-786006
Dibrugarh, Assam

SUBJECT: TENDER NO.: BCPL/DIB/C&P/SER/20130136/BB

Dear Sir,

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

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

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

(i) Postal Address with PIN Code :

.....

.....

(ii) Telephone Number :

(iii) Telefax Number :

(iv) Contact Person :

(v) E-mail Address :

(v) Mobile Number :

- B) Details of Contact person:

(i) Postal Address with PIN Code:

.....

.....

(ii) Telephone Number :

(iii) Fax Number :

(iv) Contact Person :

(v) E-mail Address :

(vi) Mobile Number :

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

Reasons for non-submission of bid:

Agency's Name :

Signature :

Name :

Designation :

Date :

Seal/Stamp :

INSTRUCTIONS TO BIDDER

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A. GENERAL

1.0 INTRODUCTION

- 1.1 M/s Brahmaputra Cracker & Polymer Ltd. (BCPL), hereinafter referred as "Owner" is putting up a grass root petrochemical complex at LEPETKATA, Dibrugarh, ASSAM, involving Ethylene Cracker, Down Streams, Utilities and Offsite. M/s Brahmaputra Cracker & Polymer Ltd. (BCPL) is a Joint Venture Company of M/s GAIL (India) Ltd. M/s Oil India Ltd., M/s Numaligarh Refinery Ltd. and Government of Assam.

BCPL invites sealed Bids for the work of "Miscellaneous Works Tender (Civil & Electrical) for Establishment of Laboratory" at Brahmaputra Petrochemical Complex, Lepetkata, Assam as detailed in the Bidding Document.

- 1.2 It shall be Bidder's responsibility to have thorough understanding of the reference documents, site conditions and specifications included in the Bidding Document.

2.0 COST OF BIDDING

- 2.1 The Bidder shall bear all costs associated with the preparation and delivery of its Bid, including costs and expenses related to visits to the site and the OWNER will in no case be responsible or liable for these costs regardless of the outcome of the bidding process.

3.0 ACKNOWLEDGEMENT & CONFIRMATION

- 3.1 Within 7 (Seven) days of receipt of Bidding Document, Bidder shall acknowledge the receipt and confirm his intention to bid for the tendered work as per proforma, Acknowledgement-Cum-Consent Letter enclosed in Bidding Document. Bidder also must intimate their intention of not quoting if they are not submitting Bid, within 7 days of receipt of the Bidding Document, failing which such agencies may not be considered for issue of Bidding Document on Limited basis in future.

4.0 SPLIT-UP OF WORK

- 4.1 The total work shall be awarded to one agency and the scope of work shall not be split.

5.0 SITE VISIT

- 5.1 Location of Site – The main Project Site is located at Lepetkata (ASSAM), on NH 37 along river Sessa, and 15 km from Dibrugarh. The nearest Railway Station/ Airport are at Dibrugarh.
- 5.2 Bidder is advised to visit and examine the site, its surrounding and familiarize himself with the existing facilities and environment, and collect all other information which he may require for preparing and submitting the Bid and entering into the Contract. Claims and objections due to ignorance of existing conditions or inadequacy of information will not be considered after submission of the Bid and during implementation.
- 5.3 The Bidder and any of his personnel or Agents will be granted permission by the OWNER to enter upon his premises and lands for the purpose of such inspection, but only upon the explicit condition that the Bidder, his personnel or agents will release and indemnify the OWNER and his personnel and agents from and against all liability in respect thereof and will be responsible for personnel injury (whether

fatal or otherwise), loss of or damage to property and any other loss, damage, cost and expenses incurred as a result hereof. OWNER shall provide necessary assistance, if required, to the Bidder(s) for the purpose of site visit.

5.4 Addresses

Registered Office – M/s Brahmaputra Cracker and Polymer Ltd; Hotel Brahmaputra Ashok, M.G. Road, Guwahati – 781001, Assam.

Project Office - Main Fire Station, Site- Lepatkata, Post- Barbaruah, Distt.- Dibrugarh – 786007, Assam.

Contact Person at Site: B J BARMAN, Sr. Officer (Contract and Procurement)

B. BIDDING DOCUMENT, CLARIFICATIONS AND AMENDMENT

6.0 BIDDING DOCUMENT

- 6.1 The Bidding Document shall be read in conjunction with any Amendment issued in accordance with Clause 8.1.
- 6.2 Bidder may alternately download the bidding document from the web site. Bidder shall submit the Master Index enclosed with bidding document duly signed and stamped by the Bidder in token of having received and read all parts of the Bidding Documents and having accepted and considered the same in preparing and submitting the Bid.

Bidder shall fill up the rates/amount in hard copy and submit the same in sealed envelope as described elsewhere in this Instructions to Bidders. Similarly, Bidders who have downloaded the Bidding Document for submission of their bid shall also take print out of the Master Index enclosed with bidding document, sign and stamp, each page in token of their acceptance of the tender terms, conditions and specifications enclosed with bidding document and submit along with their bid.

- 6.3 Although the details presented in this Bidding document have been compiled with all reasonable care, the Bidder is expected to examine the Bidding Document, including all instructions, forms, terms, specifications and drawings in the Bidding Document and Bidder to ensure that the information provided is adequate and clearly understood and it includes all documents as per Master Index.
- 6.4 Bidding documents once issued are non-transferable in other name and shall at all times remain the exclusive property of the OWNER with a licence to the Bidder to use the Bidding Documents for the limited purpose of submitting the bid.

7.0 CLARIFICATION OF BIDDING DOCUMENT

- 7.1 Bidder shall examine the Bidding document thoroughly in all respect and if any conflict, discrepancy, error or omission is observed, Bidder may request information/ clarification/query of the Bidding Document in writing as per **Form-J/ Form-K to Proposal Forms** at the BCPL's mailing address indicated in the Instructions to Bidder. BCPL will respond in writing to any request for any information or clarification or query of the Bidding Document, which it receives up to the date mentioned in NIT. BCPL's response (including an explanation of the query) will be sent in writing to all Bidders (without disclosing source of such query) who have been issued the Bidding Document. In case of downloaded Bidding Document from websites only those Bidders who have submitted acknowledgement cum consent letter to BCPL shall be issued BCPL's response as above.
- 7.2 Any failure by Bidder to comply with the aforesaid requirement shall not excuse the

Bidder, after subsequent award of contract, from performing the work in accordance with the agreement.

- 7.3 Bidders are requested to resolve all their clarifications/queries to the Bidding Document before due date of submission of bid. Thereafter bidders are requested to submit their bid in total compliance to Bidding Document without any deviation/stipulation/clarification/assumption. Accordingly, bidder must submit format for "Compliance to bid requirement" as per **Form-D to Proposal Forms** duly filled in along with Unpriced part of bid. In case of bids not conforming to bidding document in totality and/or non-accompanied by necessary documents as asked for in the bidding document, Owner/BCPL reserves rights to reject such bids without recourse to the Bidders.
- 7.4 The responses to Bidder's queries/ clarifications raised will be furnished as expeditiously as possible to all who have been issued/downloaded the Bidding Documents. The response shall not form part of Bidding Document unless issued as an Addendum/Amendment.

8.0 AMENDMENT OF BIDDING DOCUMENT

- 8.1 At any time prior to the deadline for submission of bids, the Owner or his authorised representative(s) may, issue amendment in the form of Addendum during the bidding period or subsequent to receiving the bids. Any Addendum thus issued shall become part of Bidding Document and **Bidder shall submit a copy of the Addendum duly signed and stamped in token of his acceptance.** Addendum shall be issued to only those bidders, who have downloaded the Bidding Document or submitted acknowledgement cum consent letter as per the Performa enclosed in the Bidding Document.
- 8.2 In case Addendum is issued during the bidding period, Bidder shall consider its impact in his bid. In case Addendum is issued subsequent to receipt of bids, Bidder shall follow the instructions issued along with Addendum with regard to submission of impact on quoted price / revised price, if any.

9.0 CONFIDENTIALITY OF BIDDING DOCUMENT

- 9.1 The Bidding Document is and shall remain the exclusive property of the OWNER without any right to Bidder to use them for any purpose except for the purpose of Bidding.
- 9.2 On no account will any agency to whom Bidding Documents is furnished, part with possession thereof or copy or take copies or tracings of any drawing, plan etc. It should be understood that the information therein is confidential, and that the Bidding Documents are therefore being furnished to Bidder in the strictest confidence.

C. PREPARATION OF BID

10.0 LANGUAGE OF BID

- 10.1 The Bid prepared by the Bidder, all correspondence and documents relating to the bid exchanged by the Bidder and the BCPL shall be written in the English language. Any printed literature/certificate/any other document furnished by the Bidder may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the English language, in which case, for purpose of interpretation of the Bid the English translation shall prevail.

11.0 JOINT VENTURE/CONSORTIUM BIDS.

- 11.1 Unincorporated Joint Venture/ Consortium Bids are not acceptable.

12.0 COMPLIANCE TO BID REQUIREMENT.

12.1 It is expected that Bidder will submit bid based strictly on the terms and conditions and specifications contained in the Bidding Documents and will not stipulate any deviations. Should it, however, become unavoidable, deviations should be separately and specifically stipulated only in the prescribed Proposal **FORM-E**. In case Bidder stipulate deviations, Owner/ BCPL have the right to reject such bid at its absolute discretion without giving any opportunity for such Bidder to make good such deficiency.

12.2 Unsolicited Post Tender Modifications.

Bidders are advised to quote as per terms and conditions of the Bidding Document and not to stipulate deviations/ exceptions. Once quoted, the Bidder shall not make any subsequent price changes, whether resulting or arising out of any technical/ commercial clarifications and details sought on any deviations, exceptions or stipulations mentioned in the bid unless any Amendment to Bidding Document is issued by OWNER/ BCPL. Similarly, no revision in quoted price shall be allowed should the deviations stipulated by him are not accepted by OWNER and are required to be withdrawn by him in favour of stipulation of the Bidding Document. Any unsolicited proposed price change is likely to render the bid liable for rejection.

13.0 DOCUMENTS COMPRISING BID

13.1 The Bid should be prepared by the Bidder and shall be submitted in three parts viz. Part-I, Part-II & Part-III in three separate sealed envelopes:

PART - I - Techno-commercial / Unpriced Bid (in 1 Original + 4 Copies)

PART- II - Price Bid (in one original+one copy only) in separate sealed envelope superscribing clearly on the sealed envelope **“Price – Do not Open”**.

PART-III - Earnest Money Deposit/ Bid Security (as applicable)

13.2 TECHNO-COMMERCIAL/ UNPRICED BID (PART-I)

The Bid prepared by the Bidder shall comprise the following components:

Bid Form as per **FORM-A**.

Additional Formats attached with proposal forms duly filled in signed & stamped.

Master Index enclosed duly signed and stamped by the Bidder in token of having received and read all parts of the Bidding Documents and having accepted and considered the same in preparing and submitting the Bid.

EMD as per clause 17.0.

Power of attorney in favour of signatory (ies) of the bid.

Details of experience in last 7 years as per **FORMAT-D** of Additional Formats and Details of Specific work experience meeting the Experience Criteria as per Proposal **FORM-B1**,

Copy of Partnership Deed in case of partnership firm or Memorandum & **Article** of Association in case of limited company.

Proposed schedule for completion of major activities in the form of bar chart.

Compliance to Bid requirement as per **FORM-D** or in case of Deviation/ Exceptions (Bidder is requested not to stipulate any deviation), as per proposal **FORM-E**. (Sheet- 1 for Commercial Section and Sheet-2 for Technical Section).

Check List duly filled in as per **FORM-F**.

Reply to Commercial Questionnaire as per **FORM-G**.

Details regarding PF as per **FORM-H**.

Complete copy of audited Annual Reports for the last three years with Financial Details as per **FORM-I**.

Compliance to Key Construction Manpower and Minimum Requirement of Equipment to be deployed as per **ANNEXURE-VII** and **ANNEXURE-IX** respectively of Special Conditions of Contract.

Fresh Solvency Certificate from Bidder bankers. Date of issue of this certificate should not be earlier than 1 year from due date of opening of Techno-Commercial part.

Technical offer and Engineering details, if any, required as per Bidding Document.

Copy of Schedule of Rates (without Price) duly signed and stamped.

Any other information required in the Bidding Documents or considered relevant by the Bidder.

13.3 PRICE BID (Part-II) shall consist of the following

Form of Bid as per format given in PROPOSAL FORM as per **FORM-‘A’**.

Hard Copy of Schedule of Rates (Short Description) which shall be print out, duly filled in and completed in all respects and shall be signed & stamped on each page

Duly filled in format for Extended Stay Compensation (Form SP-2)

Duly Filled Format For Cenvatable Taxes & duties SP3 & SP4A&B

The prices quoted by the bidder in Schedule of Rates (Short Description) shall be based on Schedule of Rates (Detailed Description) provided in the Bidding Document

No corrections, conditions, additions, deletions or modifications in Price Part are permitted. All corrections in quoted rates must be stamped and signed. Any condition if stipulated shall be treated as null and void and shall render the bid liable for rejection.

No stipulation, deviation, terms & conditions, presumption, basis etc. shall be stipulated in Price Part of the bid. Any condition if stipulated shall be treated as null and void and shall render the bid liable for rejection. There shall not be any overwriting. Bidder should note that prices are not to be filled in Schedule of Rates (Detailed Description). **The price quoted in hard copy of Schedule of Rates (Short Description) shall only be considered for evaluation.**

13.4 PART-III EMD (where applicable)

Third sealed cover marked as “ **EMD**” containing EMD in original, where applicable

14.0 BID PRICES

14.1 Bidder shall quote price after careful analysis of cost involved for the performance of the work considering all parts of the Bidding Document. In case any activity though specifically not covered in description of item under ‘Schedule of Rate (SOR)’ but is required to complete the work which could be reasonably implied/ inferred from the contents of the Bidding Document, the prices quoted shall be deemed to be inclusive of cost incurred for such activity.

- 14.2 The prices shall be based on conditions specified in General Conditions of Contract, Special Conditions of Contract, Scope of Work, Scope of Supply, Technical Specifications, Drawings and other contents of Bidding Document
- 14.3 The Contracted rates/prices are inclusive of all Taxes, Duties, Levies, Octroi, Cess etc. but excluding Entry Tax on Capital Goods permanently incorporated in the works. Entry Tax shall be paid by the Contractor for all other Goods. For tools & tackles brought in by contractor (which will not get transferred during execution of work contract) contractor has to bear the liability of entry tax. Further Contracted rates/prices are exclusive of Cenvatable service tax which shall be reimbursed by Owner at actual against submission of Cenvatable invoices. No price variation on account of any change in other Taxes, Duties, Levies, Octroi, Cess etc. including imposition of new taxes shall be allowed.
- 14.4 Prices quoted by the Bidder, shall remain firm and fixed and valid until completion of the Contract except as specified in the Bidding document.
- 14.5 Overall rebate, if any, must be indicated in the space provided in Format for Schedule of Rates. Conditional rebate, if offered, shall not be considered for evaluation.
- 14.6 Bidder shall be solely responsible for ascertaining all types of taxes and duties applicable for providing the services as mentioned in the scope of work. OWNER shall deduct income tax as applicable from the payments due to the Bidder under the contract.
- 14.7 Alternate bids will not be considered.
- 15.0 *CURRENCIES OF BID AND PAYMENT*
- 15.1 Bidders shall quote the prices in Indian Rupees only.
- 15.2 All payments to be made by Owner shall be made in Indian Rupees only.
- 16.0 *BID VALIDITY*
- 16.1 Bid submitted by Bidder shall remain valid for a minimum period of 03 (Three) months from the date of opening of Bid Security (Part-III) and Techno-Commercial (Part-I) Bids. Bidders shall not be entitled during the said period of three months, without the consent in writing of the Owner, to revoke or cancel their Bid or to vary the Bid given or any term thereof. In case of Bidders revoking or cancelling their Bid or varying any terms in regard thereof without the consent of Owner in writing, Owner shall forfeit EMD paid by them along with their bids.
- 16.2 Owner may solicit the bidders consent to an extension of the period of validity of bid. The request and the responses there to shall be made in writing. If the Bidder agrees to the extension request, the validity of Bank Guarantee towards EMD shall also be suitably extended. However, bidders agreeing to the request for extension of validity of bid will not be permitted to modify the bid.
- 17.0 *BID SECURITY / EARNEST MONEY DEPOSIT (EMD)*
- 17.1 Bidder shall furnish, as part of its Bid, a Bid Security for an amount as indicated in the Notice Inviting Tender. **The Bids not accompanied with Bid Security or Bid Security not as per Performa given in the Bidding Document shall be considered as non-responsive and such Bids shall be rejected.** *However, SSI units registered with NSIC for similar works with valid certificate and Indian Public Sector Undertakings/ Enterprises are exempted from furnishing Earnest Money Deposit/ Bid Security.*
- The bid security (interest free) in favour of **Brahmaputra Cracker and Polymer Limited payable at Dibrugarh, Assam** for the amount indicated in Letter Inviting Bid shall be in the form of demand draft / bankers cheque drawn on 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. Bid Security / EMD can also be submitted in the form of Bank Guarantee to be issued by 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, other than the Nationalised Indian Banks, the banks whose BGs are furnished, must be commercial banks having net worth in excess of Rs. 1000 millions or US \$ 22 million and a declaration to this effect should be made by such commercial bank either in the bank guarantee itself or separately on their letter head.

The bank guarantee shall be valid for 2 months beyond validity of bid i.e. 5 (Five) months beyond deadline for bid submission.

- 17.2 Bid securities of unsuccessful Bidders will be discharged or returned, as promptly as possible upon award of Contract.
- 17.3 Bid Security of the successful Bidder will be discharged or returned upon the Bidder's executing the Contract, and furnishing the performance guarantee.
- 17.4 The bid security may be forfeited:

If Bidder submits False/Forged Document as detailed in Special Conditions of Contract.

if a Bidder withdraws its bid during the period of Bid validity specified by the Bidder on the Bid Form, or

if a Bidder modifies his bid during the period of Bid Validity except if such modification is solicited by OWNER/BCPL in writing, or

if a Bidder does not accept the correction of arithmetical errors as per Sub-Clause 0 of ITB hereof, or

in case of a successful Bidder, if the Bidder fails, within the specified period:

To sign the Contract.

To furnish the Contract Performance Security.

- 17.5 The bid security shall be denominated in the currency as mentioned in Notice Inviting Tender.

18.0 ARRANGEMENT OF BID

- 18.1 The Bidder shall prepare one original and four copies of the Techno-commercial bid and one original copy of price bid, clearly marking as: "ORIGINAL – TECHNO-COMMERCIAL" and "COPY NO.1 – TECHNO-COMMERCIAL BID (PART-I)", etc. as appropriate. In the event of discrepancy between the original and any copy, the original shall prevail. PRICE IN ORIGINAL shall be submitted in a separate sealed envelope super scribing "PRICE BID".
- 18.2 The original and all copies of the bid shall be typed or written in indelible ink (in case of copies, Photostats are also acceptable) and shall be signed by person(s) duly authorised to sign on behalf of the Bidder. All pages of bid shall be stamped and initialled by person(s) signing the bid.
- 18.3 Master Index enclosed with Bidding Document duly signed and stamped by the Bidder in token of having received and read all parts of the Bidding Documents and having accepted and considered the same in preparing and submitting the Bid.

D. BID SUBMISSION

19.0 SEALING AND MARKING OF BID

- 19.1 The Bidder shall seal the original copy of techno-commercial bid, the original copy

of price bid and each copy of the techno-commercial bid in separate envelopes and paste appropriate CUT-OUT SLIP enclosed with the Bidding Document.

- 19.2 The Bidder shall seal the original and each copy of the bid in an inner and outer envelope and duly marked the envelopes "Original" and "copy".
- 19.3 The inner and outer envelopes shall be pasted with appropriate CUT-OUT SLIP enclosed with Bidding Document and shall be addressed to the BCPL at the address mentioned in the CUT-OUT-SLIP
- 19.4 In addition to above, the outer envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "Late".
- 19.5 If the outer envelope is not sealed & marked as above, the Owner or his authorised representative(s) will assume no responsibility for the misplacement or premature opening of the bid.
- 19.6 Cut out slips are enclosed with bidding document for pasting it on the outer envelope and inner envelopes. In case of extension of deadline of bid submission, the date specified on the cut-out slip shall be changed by the bidder accordingly.

20.0 DEADLINE FOR SUBMISSION OF BIDS

- 20.1 Bids must be submitted by the time and date mentioned in the Letter Inviting Bid at the address stated therein.
- 20.1 The Owner or his authorised representative(s) may, at its discretion, extend the deadline for submission of bids by issuing an Amendment, in which case all rights and obligations of the Owner and the Bidder previously subject to the original deadline will thereafter be subject to the deadline as extended.

21.0 LATE BIDS

Any bid received by the BCPL after the deadline for submission of bids will be declared "Late" and rejected and returned unopened to the Bidder

22.0 MODIFICATION AND WITHDRAWAL OF BIDS

- 22.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification or withdrawal is received by the BCPL prior to the deadline prescribed for submission of bids.
- 22.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and despatched in accordance with the provisions of procedure for submission of bids. A withdrawal notice may also be sent by telex or cable but must be followed by signed confirmation copy. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder.
- 22.3 No bid shall be modified after the deadline for submission of bids.

E. BID OPENING AND EVALUATION

23.0 OPENING OF TECHNO-COMMERCIAL BIDS

- 23.1 The Techno-commercial part of the Bid shall be opened in the presence of attending representatives of Bidder. The attending representative(s) of the Bidder may have to produce authorisation letter from their competent authority, otherwise they will not be allowed to attend the Bid opening. Number of representative will be restricted to maximum one person. The Bidder's representative who is present shall sign a Bid opening statement evidencing their attendance.
- 23.2 The Bidder's names, modifications and Bid withdrawals, and the presence or absence of requisite Bid Security/EMD, and such other details as the BCPL at its discretion, may consider appropriate, will be announced, and recorded at the

opening.

24.0 *CLARIFICATION OF BIDS*

24.1 Owner or his authorised representative(s), if necessary, will obtain clarifications on the Bid by requesting for such information/ clarifications from any or all Bidders, either in writing or through personal contact, as may be necessary. Bidder will not be permitted to change the price or substance of Bids after opening of Bids.

24.2 Bidder shall submit all additional documents in one original and four copies.

25 *EVALUATION OF TECHNO- COMMERCIAL BID*

25.1 Prior to detailed evaluation of bids, the Owner or his authorised representative(s) will determine whether each bid (i) is substantially responsive to the requirements of the bidding documents; and (ii) provides any clarifications and/ or require pursuant to clause 25.0. **Bids without EMD, unless exempted will be out rightly rejected.**

25.2 A substantially responsive bid is one, which conforms to all the terms and conditions and requirements of the Bidding Document without material deviation or reservation. A material deviation or reservation is one (i) which affects in any substantial way the scope, quality, or performance of the works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Owner's rights or Bidder's obligation under the Contract.

25.3 If bid is not substantially responsive, the Owner or his authorised representative(s) will reject it.

25.4 Bidder shall not be allowed to submit any Price Implication or Revised Price after submission of Bid, unless there is change in the stipulations of the Bidding Document and such changes are incorporated through an Amendment. In case Exceptions and Deviations submitted by Bidder along with Bid are not considered as acceptable and no Amendment is issued, then in such a case the Bidders would be required to withdraw such Exceptions/Deviations in favour of stipulations of the Bidding document and Bidders would not be eligible for submission of Price Implication/Revised Price, failing which such Bid(s) shall be considered as non responsive and rejected.

25.5 Bidder, in their own interest, should ask any clarification, technical/commercial, as per **FORM-J/FORM-K** within the date mentioned in Letter Inviting Bid, and OWNER would furnish all such clarifications promptly, and if such clarifications require any change in the stipulations of the Bidding document, then an Amendment shall be issued along with the clarification, it being expressly understood that Bidder shall submit their Bids in total compliance of the Bidding document and also taking in to consideration of such clarifications.

25.6 Owner or his authorised representative(s) reserves the right to use in-house information for assessment of capability of bidder and their performance on last completed job.

26.0 *OPENING OF PRICE BID*

26.1 Priced commercial part of only those Bidders whose bids are considered techno-commercially acceptable shall be opened. Bidders selected for opening of their price bids shall be informed about the date of price bid opening. Bidders may depute their authorised representative to attend the opening. During price bid opening, only total price and rebate as quoted shall be read out.

27.0 *EVALUATION OF PRICE BIDS*

27.1 The price quoted by the Bidder shall be checked for arithmetic correction, if any, based on rate filled by the Bidder in the Schedule of Rates. If some discrepancies are found in amount /rate indicated in Hard copy of Schedule of Price (Short Description) the amount / rate indicated in hard copy of Schedule of Price/Short

Descripton) shall prevail and shall be considered for evaluation.

- 27.2 If some discrepancies are found between the rate/ amount given in figures, the total amount shall be corrected as per the following procedure, which shall be binding upon the Bidder:
- i) When the rate quoted by bidder in figure does not correspond to amount, the rate quoted by the bidder shall be taken as correct.
- 27.3 To arrive at the evaluated price, loading on total quoted price, wherever applicable, shall be done for as per following:
- i) Extended stay compensation as quoted by the bidders in line with clause 47.0 of Special Conditions of Contract.
 - ii) Loading for unquoted items as per clause 28.4 below.
 - iii) Loading on account of Cenvatable Excise Duty as quoted in Form SP-4A
 - iv) Loading on account of CVD/SAD as quoted in Form SP-4B.
- 27.4 In case a Bidder does not quote for any items of Schedule of Rates, and the estimated price impact of unquoted items is more than 10% of his quoted price, the bid will be rejected. If such price impact of unquoted items is 10% or less of his total quoted price and under special circumstances, Owner/ BCPL decide to consider the bid, then for the purpose of comparison, the unquoted items shall be loaded by price impact calculated on the basis of highest of the rates quoted by other Bidders. If such Bidder happens to be the selected Bidder, price of unquoted items shall be treated as included.
- 27.5 Any uncalled for lump sum/ percentage or adhoc reduction/ increase in prices, offered by the Bidders after opening of the prices, shall not be considered. However, if reduction is from the recommended Bidder, such reduction shall be taken into account for arriving at the contract value.
- 27.6 If discounts and prices etc. are not filled up in the PRICED BID and are not as per the requirements of the Bidding Document, the same shall be omitted from evaluation.
- 27.7 Evaluation shall be done based on L1 evaluated price for complete job considering evaluation methodology mentioned above & order shall be released only on L1 bidder of complete job.
- 28.0 *CONTACTING THE OWNER OR HIS AUTHORISED REPRESENTATIVE(S)*
- 28.1 Bidder is advised not to contact Owner or his authorised representative(s) on any matter relating to its bid from the time of Bid opening to the time CONTRACT is awarded, unless requested to in writing. Any effort by the Bidder to influence the Owner or his authorised representative(s) in any of the decision in respect of Bid evaluations or AWARD OF CONTRACT will result in the rejection of Bid.
- F. *AWARD OF CONTRACT*
- 29.0 *OWNER'S RIGHT TO ACCEPT OR REJECT ANY BID*
- 29.1 The OWNER reserves the right to accept or reject Bid and to annul the Bidding process and reject the Bid at any time prior to award of contract, without thereby incurring any liability to the affected Bidder, without any obligation on the grounds or the reasons for the OWNER'S action.
- 29.2 OWNER also reserves the right to negotiate the quoted prices before award of work.
- 30.0 *NOTIFICATION OF AWARD*
- 30.1 The OWNER will notify the successful Bidder in writing by Fax of Acceptance/

Letter of Acceptance that their bid has been accepted. The Letter of Acceptance will constitute the formation of a Contract until the Contract agreement has been signed.

31.0 CONTRACT AGREEMENT

31.1 Contract documents for agreement shall be prepared after the acceptance of bid. Until the final contract documents are prepared and executed this bid document together with the annexed documents, modifications, deletions agreed upon by the OWNER and Bidder's acceptance there of shall constitute a binding contract between the successful Bidder and the OWNER based on terms contained in the aforesaid documents and the finally submitted and accepted prices.

31.2 The Contract document shall consist of the following:

- i) Original Bidding Document along with its enclosures issued.
- ii) Amendment/Corrigendum to original Bidding Document issued, if any.
- iii) Fax/Letter of Acceptance.
- iv) Detailed letter of Award/Acceptance along with enclosures attached therewith.

32.0 SIGNING OF CONTRACT

32.1 The successful Bidder shall be required to execute an AGREEMENT in the proforma given in the Bidding Document on non-judicial stamp paper of appropriate value (the cost of stamp paper shall be borne by the contractor) within 15 days of the receipt of Notification of acceptance of tender. In the event of failure on the part of the successful Bidder to sign the agreement within the above stipulated period, the bid security shall be forfeited and the Notification of acceptance of tender shall be considered as cancelled.

33.0 CONTRACT PERFORMANCE SECURITY

33.1 Within Fifteen (15) days from the date of notification of award of works by the OWNER, the successful Bidder shall furnish the required Contract Performance Security for an amount equal to 10% (Ten Percent) of the total Contract Price in the form of a Bank Guarantee in accordance with Clause No. 24.0 of General Conditions of Contract.

33.2 Failure of Bidder to comply with requirement of clauses 33.1 and 34.1 above shall constitute sufficient grounds for annulment of the award of work and forfeiture of bid security.

33.3 Small Scale Industries Units registered with the NSIC, under its Single Point Registration Scheme shall be exempted from submission of Security Deposit/ Contract Performance Guarantee to the Monetary Limit for which the unit is registered.

34.0 ERRANT BIDDER

34.1 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 varying any term in regard thereof leading to re-tendering, BCPL shall forfeit Earnest Money paid by the bidder and such bidders shall be debarred from participation in re-tendering of the same job(s)/item(s)."

SPECIAL CONDITIONS OF THE CONTRACT

PART-A

DESCRIPTION: MISCELLANEOUS WORKS TENDER (ELECTRICAL & CIVIL) FOR ESTABLISHMENT OF LABORATORY AT BRAHMAPUTRA PETROCHEMICAL COMPLEX, LEPETKATA, ASSAM

TENDER NO: BCPL/DIB/C&P/SER/20130136/BB

1.0 GENERAL:

- 1.1 The Special Condition of Contract shall be read in conjunction with the General Conditions of Contract, Schedule of rates, specifications, drawings and any other documents forming part of contract, wherever the context so requires. Notwithstanding the sub-division of the documents into these separate sections and volumes, every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the CONTRACT so far as it may be practicable to do so.
- 1.2 Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears, the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the General Conditions of Contract and shall to the extent of such repugnancy, or variations, prevail.
- 1.3 Wherever it is mentioned in the specifications that the CONTRACTOR shall perform certain WORK or provide certain facilities, it is understood that the CONTRACTOR shall do so at his cost and the VALUE OF CONTRACT shall be deemed to have included cost of such performance and provisions, so mentioned.
- 1.4 The materials, design, and workmanship shall satisfy the relevant INDIAN STANDARDS, the JOB SPECIFICATIONS contained herein and CODES referred to. Where the job specification stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.
- 1.5 The intending bidder shall be deemed to have visited the site. Non-familiarity with site condition and unawareness of General Condition of contract will not be considered a reason either for extra claim or for not carrying out work in strict conformity with drawings and specifications.

2.0 LOCATION:

BCPL LABORTARY BULIDING, LEPETKATA, DIBRUGARH, ASSAM.

3.0 SCOPE OF WORK:

The Scope of work shall be as per Special Conditions of Contract Part-B.

4.0 TIME OF COMPLETION/PERIOD OF CONTRACT:

The Time of Completion/Period of Contract shall be as per Special Conditions of Contract Part-B.

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

5.0 TERMS OF PAYMENT:

Payment will normally be made within 30 days of submission of R.A. bills to Engineer-in-charge after applicable deduction of Income Tax and any other taxes and duties.

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

6.0 EARNEST MONEY:

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

Alternatively, Earnest Money may also be submitted in the form of Bank Guarantee from any Nationalized/Schedule Bank of India. The Bank Guarantee so furnished by the bidder shall be in the proforma prescribed by the OWNER attached with the Tender document. No interest shall be paid by the OWNER on the Earnest Money deposited by the bidder. The Bank Guarantee furnished in lieu of Earnest Money shall be kept valid for a period of **(6) SIX MONTHS** from the date of opening of tender.

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

7.0 INCOME TAX/ SALES TAX/WORKS CONTRACT TAX:

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

The BCPL will issue the necessary certificate for income tax deduction at source, however, the contractor has to submit detail of their **Permanent**

Account No. (PAN) before issue of such certificate. However, if the contractor has not been allotted PAN and has applied for the same to Income Tax department / the authorized agency nominated by Income Tax department, contractor shall submit the copy of application filed for allotment of PAN No. In absence of any of these documents, no TDS certificate shall be issued by BCPL.

Similarly, in case of Works Contract (involving both supply of material and services) Tax will be deducted at source by BCPL towards W.C. Tax at the rate applicable from time to time (presently 4%) and issue necessary certificate to this effect.

8.0 SERVICE TAX:

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

The bidder shall indicate in its bid the Service Tax registration no. and in case the Service Tax registration no. is not available, the bidder will give confirmation for obtaining registration with a copy of application for registration.

The Contractors liable to pay Service Tax for the work / services rendered to BCPL, shall specifically mention the Service Tax registration No. in their Invoice(s). Further, the amount and rate of Service Tax shall be separately and distinctly specified in the Invoice(s).

For payment of service tax, serially numbered invoice / bill shall be issued by the service provider and should also specify following as per rate 4A of service tax Rules:

- (i) The name, address and registration number of the service provider
- (ii) The name and address of the recipient of the taxable service
- (iii) Description, classification and value of taxable service provided and
- (iv) The service tax payable on such services

In case of non-compliance to the above, BCPL is not liable to reimburse any claim of contractor in respect of service tax. Further service tax invoices are to be raised keeping in view the new rules of service tax w.e.f. 01.07.2012.

9.0 SECURITY DEPOSIT:

- 9.1 Security deposit @ 10% of contract value has to be deposited within ten days of receipt of LOA/LOI by the contractor. EMD deposited with the tender shall be adjusted towards security deposit/ISD provided it is deposited by Demand Draft/Bankers Cheque.
- 9.2 No interest shall be payable by the Company to the contractor for the amount of Security deposit.
- 9.3 Contractor can furnish the initial or total security deposit amount through bank guarantee from any nationalized /Schedule bank in prescribed proforma

which shall be valid for 90 days beyond completion of the job or expiry of Defect Liability Period whichever is applicable.

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

10.0 TECHNICAL SPECIFICATION:

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

11.0 TESTS AND INSPECTION:

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

12.0 MEASUREMENT OF WORK:

- 12.1 Measurement of works shall be made in the units mentioned in the Schedule of Rates as per details given in Technical/Standards specifications. Please refer. Annexure –IV of SCC.
- 12.2 Wherever details are not available or inadequate in the execution drawings, physical measurements will be taken by the contractor in the presence of the

representative of the Engineer-in-Charge. In such cases payment will be made on actual measurements.

13.0 DEFECT LIABILITY PERIOD:

The defect liability period shall be as per Special Conditions of Contract of Part-B.

14.0 CONSTRUCTION EQUIPMENT AND SITE ORGANIZATION:

- 14.1 The Contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule, progressively deploy adequate equipment and tools and

Tackles and augment the same as decided by the Engineer-in-Charge depending on the exigencies of the work so as to suit the work/construction schedule without any additional cost to owner. The bidder shall submit a list of construction equipment he proposes to deploy for the subject work along with deployment schedule. No Construction Equipment shall be supplied by the Owner.

- 14.2 Subject to the provisions in the tender document, contractor shall deploy experienced technical personnel. The minimum requirement for deployment of Technical personnel are as under:

S. NO.	DESCRIPTION	NOS.
1.	RCM/ SITE-IN-CHARGE/ RESIDENT ENGINEER	1
2.	LEAD DISCIPLINE ENGINEER - ELECTRICAL	1
3.	PLANNING ENGINEER	1
4.	SAFETY OFFICER	1 AS PER HSE SPEC (6-82-0001)
5.	MATERIALS MANAGER	1
6.	DISCIPLINE ENGINEERS/ SUPERVISORS - ELECTRICAL - CIVIL/STRUCTURAL	1 1

Duration of deployment: Project engineer & Site engineer – Within 7 days of commencement of execution work till completion of the project.

Electrical Engineer- Within 7 days before the commencement of Electrical conduiting works till the completion of the project.

In case of non deployment, a penalty may be imposed as per discretion of the Engineer-in-Charge subject to a maximum of **Rs 2,00,000/-**. The bidder shall submit the details of site organogram.

- The contractor shall provide for Engineer-in-Charge or his Representative at all times during the contract including defect liability period a competent Supervisor/Foreman and/or and all such other men to assist him

in carrying out or checking any measurements, levels setting out or measuring up of work, inspection and approval of works etc. The contractor shall also provide all tools, ladders, gangways, etc. as necessary for inspection or measurement of the works by the Engineer-in-Charge or his Representative.

15.0 MOBILIZATION ADVANCE (M.A.):

No mobilization advance is payable for this work.

16.0 COMPENSATION FOR EXTENDED STAY:

No compensation for extended stay is payable to contractor.

17.0 ABNORMALLY HIGH RATED ITEMS (AHR ITEMS):

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

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

18.0 MISCELLANEOUS:

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

19.0 SUBMISSION OF TENDER DOCUMENTS:

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

20.00 SCHEDULE OF RATES:

- 20.1 The quantities indicated in Schedule of Rates are just tentative. The rates quoted by the bidder shall remain firm for any variation and will assume to be inclusive of all taxes & duties excluding Service Tax & Cess thereon.
- 20.2 No escalation of whatsoever nature shall be paid to the contractor for the entire Contract Period.

21.00 COMPENSATION FOR DELAY:

- 21.1 In case of delay in mobilization or in completion of work in all respects and to the full satisfaction of Engineer-In-Charge, the Engineer-In-Charge may at his discretion impose a penalty at the rate of 0.5% per week or part thereof limited to 5% of the contract value.
- 21.2 Alternatively, in case the Engineer-In-Charge feels that the progress of work is dissatisfactory and the work may be delayed beyond the scheduled or contractual completion date, he may at his discretion get the work done through other agency at the risk and cost of the contractor without prejudice to other rights available to owner under the contract. The decision of the Engineer-In-Charge shall be final and binding in this regard.

22.00 TERMINATION OF CONTRACT:

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

23.00 CONTRACT AGREEMENT:

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

24.00 SUPERVISION OF WORK:

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

25.00 CLEARANCE OF SITE:

- 25.1 As a part of the contract the contractor shall completely remove all temporary/disposable materials, while execution of work at his own cost and initiative and dispose of the same as directed by Engineer-in-charge.
- 25.2 The works will not be considered as complete and taken over by the owner, until all the temporary works, labor and staff colonies etc. constructed are removed and the work site cleared to the satisfaction of the Engineer-in-charge, surplus materials and rubbish is cleared off the site completely and the work shall have been measured by the Engineer-in-charge whose measurement shall be binding and conclusive.
- 25.3 If the contractor fails to comply with the requirements of this clause on or before the date fixed for the completion of the work, the Engineer-in-charge may at the expenses of the contractor remove such, surplus materials and rubbish and disposal off the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall forthwith pay the amount of all expenses as

incurred and shall have no claim in respect of any such surplus materials as aforesaid except for any sum actually realized by the sale thereof.

26.0 ADHERENCE TO SAFETY REGULATIONS:

Contractor shall ensure that all safety precautions required one observed at all times during the execution of the job.

27.00 NUISANCE:

The contractor or his representative shall not at any time cause any nuisance on the site or do anything which shall cause unnecessary disturbance to the owners or tenants or occupants or their properties near the site and to the public generally.

28.0 OWNER NOT BOUND BY PERSONAL REPRESENTATION:

The contractor shall not be entitled to any increases on the schedule of rates or any other right or claim whatsoever by reason of any representation, explanation statement or alleged representation explanation statement or alleged representation, promise or guarantees given or called to have been given to him by any person.

29.0 CARE OF WORKS:

From the commencement to completion of the work, the contractor shall take full responsibility for the care for all works including all temporary works any in case any damages, loss or injury shall happen to the work or to a part thereof or to any temporary works from any reason.

30.0 DEFENCE OF SUITS:

If any action in court is brought against the owner or an officer or agent of the owner, for the failure, omission or neglect on the part of the contractor to perform any acts, matters, convenient or things under the contract or damage or injury caused by the alleged omission or negligence on the part of the contractor, his agents, representative or his subcontractors or in connection with any claim based on lawful demand of sub-contractor, shall in such cases indemnify and keep the owner and/or their representatives harmless from all lesson, damages, expenses or decrease arising out of such action.

31.0 RESPONSIBILITIES OF THE CONTRACTOR AND COMPLIANCE WITH LABOUR/INDUSTRIAL LAWS:

- 31.1 The contractor shall have his own PF code no. with the RPFC as required under employee PF & Miscellaneous Provisions Act, 1952.
- 31.2 The contractors shall periodically submit the challans / receipts / proof for the depositing PF contribution with RPFC.
- 31.3 The contractor is required to obtain labor license under the provisions of Contract Labor (R&A) Act, 1970 from the office of ALC, Ministry of Labor, Govt. of India, Dibrugarh.

- 31.4 The contractor is liable to abide by all necessary licenses / permissions from the concerned authorities as provided under the various labor legislations.
- 31.4.1 The contractor shall discharge obligations as provided under various statutory enactments including the employee's provident fund and Miscellaneous Provisions Act, 1952, Contract Labor (R&A) Act, 1970, Minimum Wages Act, 1948, Payment of wages act 1936, workman compensation act and other relevant acts, rules and regulations enforced from time to time.
- 31.5 The contractor shall be solely responsible for the payment of wages and other dues to the personnel, if any, deployed by him latest by 7th day of the subsequent month.
- 31.7 The contractor shall be solely responsible and indemnify the BCPL against all charges, dues, claim etc. arising out of the disputes relating to the dues and employment of personnel, if any, deployed by him.
- 31.8 The contractor shall indemnify BCPL against all losses or damages, if any, caused to it on account of acts of the personnel, if any, deployed by him.
- 31.9 All personnel deployed by the contractor should be on the rolls of the contractor.
- 31.10 The contractor shall ensure regular and effective supervision and controls of the personnel, if any, deployed by him and give suitable direction for undertaking the contractual obligations.
- 31.11 The personnel to be deputed by the contractor shall observe all security, fire and safety rules of BCPL while at the site. His work will be supervised by the supervisors of contractor. Contractor has to strictly adhere to guidance, instruction when required.
- 31.12 Contractor shall provide proper identification cards for his employees to be deputed by him for work, duly signed by the contractor or authorized person on behalf of contractor. Also the contractor should obtain entry passes from CISF through engineer-in-charge for his employees.
- 31.13 Contractor has to deploy the personnel with no past criminal records. Reformed people, names of such persons should be clearly indicated in case of. Also the contractor has to provide police verification for all the persons deployed by him.
- 31.14 While confirming to any of these conditions, the contractor should ensure that no law of state regarding labor, their welfare, conduct etc, is violated. The contractor shall indemnify BCPL for any action brought against him for violation, non-compliance of any act, rules & regulation of center / state / local statutory authorities.
- 31.15 All existing and amended safety / fire rules of BPC, BCPL are to be followed within the BPC plant or service center.
- 31.16 Contractor shall ensure payment of wages to the person employed and meet all statutory obligation of payment as per Minimum Wages act 1948 and payment of wages Act 1936.

- 31.17 Boarding and lodging facilities for contractor's personal for carrying out the work is to be made by the contractor at his own cost outside the plant premises.
- 31.18 Special safety equipment e.g. breathing apparatus etc. shall be arranged by the Contractor.
- 31.19 The contracts will be required to provide full body harness safety belt for all their workers working at site positively.
- 31.20 The contractor should submit a valid health check-up certificate of their workers/labourers to BCPL before starting the job from a recognized Government Hospital towards the sound health for carrying out the job/work at site by each individual deployed.
- 31.21 Before undertaking jobs, contractor shall take work permit from Engineer-in-charge and same shall be returned after completion of job.
- 31.22 All types of transport connected with the work shall be in the scope of the contractor.
- 31.23 Suitable site office space may be provided by BPC, BCPL if required and available.
- 31.24 BCPL will provide free water, steam, air and electricity at suitable points, if required, for under taking the job.
- 31.25 All personnel undertaking the job proposed to be deployed by the contractor shall be medically examined and declared fit by qualified medical practitioner. It should be insured that no personnel engaged by the contractor is suffering from communicable disease.
- 31.26 Technicians/ supervisors deployed by the contractor should be technically qualified for fulfilling the contractual obligation.
- 31.27 In case of account, injury and death caused to the employee of the contractor while executing the work under the contract, the contractor shall be solely responsible for payment of adequate compensation, insurance money etc. to the next kith & kin of injured / diseased. Contractor shall indemnify BCPL from such liabilities.
- 31.28 The contractor shall also undertake to obtain necessary insurance coverage covering all risks connected with the job to be undertaken by him under the contract from insurance company and pay the premium accordingly.

32.0 PHOTO GATE PASS/LABOUR PERMISSION/VEHICLE PERMISSION :

The contractor shall arrange to make photo gate passes/labor permissions/vehicle passes etc. for his persons/labors/vehicles for working in site plant premises at his own cost as rules of the company.

33.0 ARBITRATION CLAUSE:

33.1 All disputes or differences, whatsoever, arising between the parties hereto pertaining to any part of the contract including its execution or concerning the WORKS or maintenance thereof this CONTRACT or to the rights or to

liabilities of the parties or arising out or in relation thereto whether during or after completion of the CONTRACT or whether before or after determination, foreclosure or breach of the CONTRACT (other than those in respect of which the decision of any person is by the CONTRACT expressed to be final and binding) shall after written notice by either party to the CONTRACT be referred for adjudication to a sole arbitrator to be appointed by BCPL as hereinafter provided.

33.2 For the purpose of appointing the Sole Arbitrator referred to above, the Appointing Authority will send within thirty days of receipt of the notice, to the CONTRACTOR a panel of three names which are not connected with the work in question.

33.3 The CONTRACTOR shall on receipt of the names as aforesaid, select any one of the persons named to be appointed as a sole Arbitrator and communicate his names to the Appointing Authority within thirty days of receipt of names. The Appointing Authority shall thereupon without any delay appoint the said person as the sole arbitrator. If the CONTRACTOR fails to communicate his choice for appointment of an Arbitrator, the Appointing Authority shall do it on expiry of 30 days.

33.4 If the Arbitrator so appointed is unable to or unwilling to act or resigns or vacates his office due to any reason whatsoever, another sole Arbitrator shall be appointed as aforesaid.

33.5 The WORK under the CONTRACT shall however, continue during the Arbitration proceedings and no payment due or payable to the CONTRACTOR shall be withheld on account of such proceedings.

33.6 The venue of arbitration shall be Guwahati.

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

33.8 Subject to aforesaid the provisions of the Indian Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.

34.0 JURISDICTION:

The CONTRACT shall be governed by and constructed according to the laws in force in INDIA. The CONTRACTOR hereby submits to the jurisdiction of the Courts situated at GUWAHATI for the purpose of disputes, actions and proceedings arising out of the CONTRACT.

35.0 PRICE PREFERENCE:

Price Preference to Central/State Government/Public Sector Enterprises (PSEs), Public Sector Construction and Services Enterprises or joint ventures with PSEs shall be applicable as per directives of Government of India.

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

- 36.1 Bidders are required to furnish the complete and correct information/documents required for evaluation of their bids. If the information/documents forming basis of evaluation is found to be false/forged, the same shall be considered adequate ground for rejection of the Bids and forfeiture of Earnest Money Deposit.
- 36.2 In case, the information/document furnished by the contractor forming basis of evaluation of his bid is found to be false/forged after the award of the contract, BCPL shall have full right to terminate the contract and get the remaining job executed at the risk & cost of such contractor without any prejudice to other rights available to BCPL under the contract such as forfeiture of Security Deposit, withholding of payments etc.
- 36.3 In case the issue of submission of false document comes to the notice after execution of the work, BCPL shall have full right to forfeit any amount due to the contractor along with forfeiture of Security Deposit furnished by the contractor.
- 36.4 Further, such contractor/bidder shall be blacklisted for future business with BCPL.

37.0 SUBMISSION OF ATTESTED COPIES OF CERTIFICATES/DOCUMENTARY EVIDENCES:

- 37.1 The bidders are required to submit the copy of PF certificates duly attested by Gazetted Officer/Officer of Public Sector Enterprises.
- 37.2 Further, the bidders are required to furnish the attested copy (ies) of Power of Attorney/Partnership Deed.
- 37.3 Bidders are required to furnish the attested copy (ies) of documentary evidence in support of meeting the Bidder's Eligibility Criteria.
- 37.4 Non-submission of the attested copies of the certificates/documents will render they bid non-responsive and liable for rejection.

38.1 SUB LETTING OF WORK:

No contractor shall sublet or assign any work in part or whole to any firm, individual, partnership firm, Pvt. Ltd., Company, Proprietorship firm etc without the prior written permission of BCPL. In case the contractor sublets or assigns the contract in part or whole without the prior written permission of BCPL and any claim referred by any firm / individual to BCPL stating that the main contractor has not paid his or their dues/ payments, in that circumstances, BCPL shall without assigning any reasons, withhold from the payments of contractor, the amount equivalent to the claim amount of sub-contractor/ individual/ vendor (s) etc. The same shall be released to the contractor after contractor and labour/ supplier/ sub-contractor jointly submits a joint written settlement to BCPL.

38.2 AFFIDAVIT:

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

38.3 PF REGISTRATION:

Bidder must have their own Valid P.F. account / code no. from Regional PF commissioner.

Contractor should produce necessary EPF code before commencement of work

39.0 The deployed labour by the contractor shall be directly controlled / supervised / directed by the contractor himself or his representatives.

40.0 PENALTY AGAINST VIOLATION OF SAFETY, HEALTH AND ENVIRONMENT RELATED NORMS:

40.1 Against Violation of applicable Safety, Health and Environment related norms, a penalty of ` 5,000.00 per occasion.

40.2 Violation as above resulting in:

40.3 Any physical injury, a penalty of 0.5% of the contract value (maximum of Rs 2, 00,000.00) per injury in addition to ` 5,000.00 as in para 40.1.

40.4 Fatal accident, a penalty of 1% of the contract value (maximum of ` 10, 00,000.00) per fatality is addition to ` 5,000.00 as in para 40.1.

41.0

Contractor should produce necessary ESIC code before commencement of work or workmen who are not covered under ESI Act, the contractor should take appropriate Workmen Compensation Insurance Policy and submit a copy of the same to BCPL.

NO DEVIATION CERTIFICATE

**BRAHMAPUTRA CRACKER & POLYMER LIMITED
LEPETKATA, DIBRUGARH, ASSAM**

Dear Sir,

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

NAME : _____

BIDDER'S NAME : _____

COMPANY SEAL : _____

SPECIAL CONDITIONS OF CONTRACT (SCC)
PART-B

NAME OF WORK: MISCELLANEOUS WORKS TENDER (ELECTRICAL & CIVIL)
FOR ESTABLISHMENT OF LABORATORY AT BRAHMAPUTRA
PETROCHEMICAL COMPLEX, LEPETKATA, ASSAM

**SPECIAL CONDITIONS
OF
CONTRACT**

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1.0 GENERAL

- 1.1 Special Conditions of Contract (SCC) shall be read in conjunction with the General Conditions of Contract (GCC). Schedule of Rates, specifications of work, drawings and any other document forming part of this Contract wherever the context so requires.
- 1.2 Notwithstanding the sub-division of the document into these separate sections and volumes, every part of each section shall be deemed to be supplementary of every other part and shall be read with and into the Contract so far as it may be practicable to do so.
- 1.3 Where any portion of the GCC 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 GCC** only to the extent that such repugnancy's of variations in the Special Conditions of Contract are not possible of being reconciled with the provisions of GCC.
- 1.4 Wherever it is stated in this Bidding Document that such and such supply is to be effected or such and such a work is to be carried out, it shall be understood that the same shall be effected/carried out by the CONTRACTOR at his own cost, unless a different intention is specifically and expressly stated herein or otherwise explicit from the context. Contract value (also referred to as Contract Price) shall be deemed to have included such cost.
- 1.5 The materials, design and workmanship shall satisfy the applicable relevant Indian Standards, the job specifications contained herein & codes referred to. Where the job specifications stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied. In the absence of any Standard/ Specifications/ Codes of practice for detailed specifications covering any part of the work covered in this Bidding Document, the instructions/directions of Engineer-in-Charge will be binding on the CONTRACTOR.
- 1.6 In the absence of any Specifications covering any material, design or work(s) the same shall be performed/ supplied/ executed in accordance with standard Engineering practice as per the instructions/directions of the Engineer-in- Charge, which will be binding on the CONTRACTOR.

2.0 WATER& POWER

- 2.1 The Clause No. 2.3 to 2.4 given in General Conditions of Contract is modified to following extent:
- 2.2 Construction water shall not be provided by OWNER and the CONTRACTOR, shall make all the arrangement for Construction Water at their sole cost and expense.
- 2.3 Construction power shall be made available by the Owner @ Rs 6/- per unit at one point within the plant premises. Further, distribution of network for Construction power as per requirement shall be done by the Contractor at his own cost. The construction power shall be made available to the Contractor subject to availability, and no time extension or compensation shall be payable in case of non availability of the same. The Contractor shall within the contracted price make alternate arrangement to cope with such eventuality. Additional power, if required, to meet the contractual requirements, shall be arranged by the Contractor at its own cost.

3.0 SCOPE OF WORK

The scope of work covered in this contract will be as described in **Annexure-I to SCC**.

4.0 SCOPE OF SUPPLY

The scope of supply covered in this contract will be as described in **Annexure-II to SCC**.

5.0 TIME SCHEDULE

- 5.1 The Work shall be executed strictly as per time schedule given in **Annexure- III to SCC**. The period of completion given includes the time required for mobilisation, demobilisation and completion of work in all respects to the satisfaction of the Engineer-in-Charge.
- 5.2 A joint programme of execution of work will be prepared by the Engineer-in-Charge and CONTRACTOR. This programme will take into account the time of completion mentioned in clause .
- 5.3 Weekly execution programme will be drawn up by the Engineer-in-Charge jointly with the CONTRACTOR based on priorities and the joint programme of execution as referred to above. The CONTRACTOR shall scrupulously adhere to the Targets/Programmes by deploying adequate personnel, Construction Equipment, Tools and Tackles and also by timely supply of required materials coming within his scope of supply as per Contract. In all matters concerning the extent of target set out in the weekly/monthly programme and the degree of achievement, the decision of the Engineer-in-Charge will be final and binding on the CONTRACTOR.
- 5.4 CONTRACTOR shall give every day category-wise labour and equipment deployment report along with the progress of work done on previous day in the format prescribed by the Engineer-in-Charge.

6.0 LABOUR LICENCE

Before starting of work, Contractor shall obtain a license from concerned authorities under the Contract Labour (Abolition and Regulation) Act 1970, and furnish copy of the same to Owner.

7.0 SITE CLEANING

- 7.1 The CONTRACTOR shall clean and keep clean the work site from time to time to the satisfaction of the Engineer-in-Charge for easy access to work site and to ensure safe passage, movement and working.
- 7.2 If the work involves dismantling of any existing structure in whole or part, care shall be taken to limit the dismantling upto the exact point and/ or lines as directed by the Engineer-in-Charge and any damage caused to the existing structure beyond the said line or point shall be repaired and restored to the original condition at the cost and risk of CONTRACTOR to the satisfaction of the Engineer-in-Charge, whose decision shall be final and binding upon the CONTRACTOR.
- 7.3 The CONTRACTOR shall be the custodian of the dismantled materials till the Engineer-in-Charge takes charge thereof.
- 7.4 The CONTRACTOR shall dispose off the unserviceable materials, debris etc. to any area within premises/ other area as directed by the Engineer-in-Charge.
- 7.5 The CONTRACTOR shall sort out, clear and stack the serviceable materials obtained from the dismantling/ renewal at places as directed by the Engineer-in-Charge.
- 7.6 No extra payment shall be paid on this account. The rates quoted in SOR are deemed to be inclusive of all the costs towards all the above activities as well.

8.0 MEASUREMENT OF WORKS

Measurement of work will be as described in **Annexure-IV to SCC** shall apply.

9.0 ON ACCOUNT PAYMENTS

Payment shall be made as described in **Annexure-V to SCC**.

10.0 ROUNDING OFF

All payments to and recoveries from the bill of CONTRACTOR shall be rounded off to the nearest Rupee. Wherever the amount to be paid/ recovered consists of a fraction of a Rupee (Paise), the amount shall be rounded off to the next higher rupee if the fraction consists of 50 (fifty) paise or more and if the fraction of a Rupee is less than 50 (fifty) paise, the same shall be ignored.

11.0 FIRM PRICE

The quoted prices shall remain firm and fixed and valid until completion of the contract and shall not be subject to escalation for any reason whatsoever except as specified in the Bidding Document.

12.0 TAXES AND DUTIES

12.1 The value of Free Issue materials is NIL.

12.2 The Contracted rates/prices are inclusive of all Taxes, Duties, Levies, Octroi, Cess etc. but excluding Entry Tax on Capital Goods permanently incorporated in the works. Entry Tax shall be paid by the Contractor for all other Goods. For tools & tackles brought in by contractor (which will not get transferred during execution of work contract) contractor has to bear the liability of entry tax. Further Contracted rates/prices are exclusive of Cenvatable service tax which shall be reimbursed by Owner at actual against submission of Cenvatable invoices. No price variation on account of any change in other Taxes, Duties, Levies, Octroi, Cess etc. including imposition of new taxes shall be allowed.

12.2.1 Entry Tax:

Entry Tax is exempted for Capital Goods permanently incorporated in the works during execution of work contract and for all other Goods, Entry Tax shall be paid by the Contractor. For tools & tackles brought in by contractor (which will not get transferred during execution of work contract) contractor has to bear the liability of entry tax.

12.2.2 Works Contract Tax:

The Contracted rates/prices shall be inclusive of Assam VAT component on Works Contract. Contractor may opt to the scheme of Works contract taxation as per their choice. Works Contract Tax as applicable will be deducted at source and TDS certificate shall be issued to the contractor.

12.2.3 Service tax:

- a) Unit rates / Lumpsum prices in the Schedule of Rates shall be exclusive of Cenvatable Service Tax. Bidders shall quote Service Tax in FORM SP-3 attached with this Amendment
- b) Service tax shall be reimbursed to the CONTRACTOR at actual, against submission of Cenvatable invoice issued in accordance with Service Tax Rules.
- c) It is the responsibility of the CONTRACTOR to ascertain the applicable rules and follow the provisions of the Service tax including Government of India latest Notifications and its amendments, if any."

- d) Contractor shall indicate total Cenvatable service tax amount payable under the contract in the Form SP-3. However, if the services fall under the list of services defined in reverse charge mechanism, then the liability of deposition of service tax to the tax authority by the Contractor and the Owner shall be dealt in accordance with Notifications issued by Government of India from time to time

12.2.4 Central Sales Tax (CST):

The Contracted rates/prices shall be inclusive of CST, wherever applicable, at applicable rate. BCPL will not issue 'C- Form' to the contractor.

12.2.5 Custom Duty:

The Contracted rates/prices shall be inclusive of Import Duties (CD+CVD+SAD) at the applicable Merit Rate of Duty. Owner shall not issue Project Authority Certificate (PAC)/ Import License.

The contractor shall arrange import of all materials required for permanent incorporation in the works as well as construction equipment as per the guidelines laid down by government of India.

12.2.6 Excise Duty

- a) Bidder shall also be required to quote the amount of Cenvatable Excise Duty and Cenvatable CVD/SAD included in the quoted rates in respect of eligible items that would be passed on to Owner, for the purpose of evaluation. Adequate and relevant documents for availing Cenvat benefit by Owner shall be provided by the bidder.
- b) The Contractor shall be required to submit Original Cenvatable documents as required for Cenvatable CVD and SAD/Excise duty paid to the concerned authorities on materials supplied to the Owner to claim CENVAT benefit in respect thereof by the Owner .
- c) The classification of goods as per Central Excise Tariff should be correctly done to ensure that CENVAT benefit is not lost to OWNER on account of any error on the part of the CONTRACTOR.
- d) OWNER shall not reimburse CENVATABLE duties on Central Excise Duty, CVD and SAD if the requirements as specified above are not fulfilled by the CONTRACTOR or Supplier concerned."

12.2.7 Income Tax & Corporate Tax:

Income Tax deductions shall be made from all payments made to the Contractor as per the rules and regulations in force in accordance with the Income Tax Act prevailing from time to time & TDS Certificate shall be provided.

Corporate Tax Liability if any shall be to Contractor's account.

12.2.8 Construction Workers Welfare Cess:

- a) The contractor must be registered with the concerned authorities under the Building and other Construction Workers' (RE&CS) Act, 1996 or in case of non-registration; the contractor should obtain registration within one month of the award of contract.
- b) The contractor shall be responsible to comply with all provisions of the Building and Other Construction Workers' (RE&CS) Act, 1996, the Building and other Construction Workers' Welfare Cess Act, 1996, the Building and other Construction Workers' (RE&CS) Rules, 1998 and the Building and other Construction Workers Welfare Cess Rules, 1998.

- c) Cess, as per the prevailing rate, shall be deducted at source from bills of the contractors by the Engineer-in-Charge and remitted to the “Secretary, Building and other Construction Workers Welfare Board” of the concerned State. The contractor shall be responsible to submit final assessment return of the Cess amount to the assessing officer after adjusting the Cess deducted at source.

12.3 Contractor shall provide CENVATable Documents, wherever applicable.

12.4 Notwithstanding the foregoing, Owner shall not bear any liability in respect of:

- a) Personal taxes on the personnel deployed by the Contractors, his sub-contractors and Agents, etc.
- b) The Corporate Taxes in respect of Contractor and his Sub-contractors and other Agents, Indian or foreign based.

12.5 Taxes, Duties And Levies In Foreign Countries

The Contractor shall accept full and exclusive liability at his own cost for the payment of any and all taxes, duties, cesses and levies howsoever designated, as are payable to any government, local or statutory authority in any country other than India as are now in force or as are hereafter imposed, increased or modified and as are payable by Contractor, his agents, Sub-Contractors and its/their respective employees for or in relation to this performance of this contract. The Contractor shall be deemed to have been fully informed with respect to all such liabilities and considered and included the same in its bid and the quoted price shall not be varied in any way on this account.

12.6 Withholding, Accounting And Tax Requirements

The CONTRACTOR shall withhold from wages and salaries of its agents, servants or employees all sums required to be withheld by the laws of India, and to pay the same promptly and directly when due to the proper authority (ies). The CONTRACTOR further agrees to comply with all accounting and reporting requirements under the laws of India, and to pay and bear the cost of such compliance. Upon request by the OWNER, the CONTRACTOR will furnish OWNER evidence of payment of applicable withholding taxes in India.

12.7 Registration of Contractor under AVAT

As per Provision of section 47(4) of Assam VAT Act 2003, the contractor has to be a registered dealer under the Act. The contractor has to produce an authenticated copy of the certificate of registration under AVAT Act 2003 or furnish an undertaking for getting so registered.

12.8 CENVAT BENEFITS

- a. The CONTRACTOR shall be required to submit Original cenvatable documents as required for Service Tax, Excise duty, countervailing duty (CVD) and Special Additional Duty(SAD) paid to the concerned authorities on materials supplied to the OWNER for the OWNER to claim CENVAT benefit in respect thereof.
- b. Cenvat Benefits is being availed by BCPL .All documents of material brought to the site of work by Contractor shall be prepared with notation “Consignee-BCPL, A/c Contractor” to enable BCPL to claim Cenvat Benefit .The classification of goods as per Central Excise/Customs Tariff should be correctly done to ensure that CENVAT benefit is not lost by the OWNER on account of any error on the part of the CONTRACTOR.
- c. It is the responsibility of the CONTRACTOR to ascertain the applicable rules and follow the provisions of the Excise Act/ Service tax ,Excise & Service Tax,CVD/SAD Rules as

applicable from time to time and in case of lapse in following the appropriate procedure/submission of appropriate documents, which may result in disallowance of OWNER'S Cenvat claim, the OWNER reserves the right to withhold the payment of Cenvatable duties.

- d. The OWNER shall withhold payment of Cenvatable Duties (currently Central Excise, CVD/SAD) and Cenvatable Service Tax if the relevant documentation is not made available to OWNER to enable OWNER to claim CENVAT benefit for the amount indicated in Price Bid, either due to the fact that the item is not cenvatable, wrong classification or wrong documentation.
- e. Consequently the price of supplies & services shall stand reduced to the extent to which CENVAT benefit, which would otherwise have been available to the OWNER, could not be availed of by the OWNER.
- f. Contractor shall confirm that Cenvat benefit for supply of the specified goods can be passed on to BCPL.
- g. Payments to be released by BCPL against submission of relevant cenvatable documents as per Govt. of India Rules to BCPL. The total payment payable against Cenvatable documents would not exceed the amount of Cenvatable Excise Duties/CVD/SAD, as applicable indicated by the Contractor. In case the Cenvatable documents submitted by Contractor are for a value less than the indicated amount of Cenvatable Excise Duties/CVD/SAD, as applicable, the difference shall be deducted from the payments due to the Contractor. Transporter's copy of Excise Invoice etc as per Excise Rules to enable BCPL to claim benefit.
- h. OWNER shall avail benefit of Cenvat Credit for the amount of service tax paid for various input services provided by the contractor".

13.8 PROVIDENT FUND

- 13.1 The CONTRACTOR shall strictly comply with the provisions of Employees Provident Fund Act and register the establishment with the concerned Regional Provident Fund Commissioner before commencing the work. The CONTRACTOR shall deposit "Employees" and "Employers" contributions in the designated account with the designated Authority every month. The CONTRACTOR shall furnish along with each running bill, the challan/ receipt for the payment of provident fund made to the RPFC for the preceding month(s).
- 13.2 In case the Provident Fund Authority's receipted challan referred to above is not furnished, the OWNER shall deduct 5% (five percent) of the payable amount from the CONTRACTOR'S running bill and retain the same as a security for the payment of the Provident Fund. Such retained amounts shall be refunded to the CONTRACTOR only on production of challan/ receipt of the Provident Fund Authority for the period covered by the related deduction.

14.0 SURVEY AND LEVEL/ SETTING OUT WORK

- 14.1 It shall be Contractor's responsibility to locate existing Survey of India bench mark and to shift the existing benchmark to his work site to set out the necessary control points and alignment of the various works. The Contractor shall have to employ efficient survey team for this purpose and the accuracy of such setting outworks shall be the Contractor's sole responsibility.
- 14.2 The Contractor shall give the Engineer-in-Charge not less than 24 (twenty four) hours notice in writing of his intention to set out or give levels for any part of the work so that arrangement may be made for checking the same.
- 14.3 The Contractor shall at his own expense provide all assistance, which the Engineer-in-Charge may require for checking the setting out of works.

- 14.4 The Contractor shall be entirely responsible for the horizontal and vertical alignment, the level and correctness of every part of the work and shall rectify any errors or imperfections therein. The Contractor at his own cost shall carry out such rectifications, when instructions are issued to this effect by the Engineer-in-Charge or his representative.

15.0 STATUTORY APPROVALS

The approval from any authority required as per statutory rules and regulations of Central / State Govt. shall be the Contractor's responsibility unless otherwise specified in the Bidding Document. The application on behalf of the Owner for submission to relevant authorities along with copies of required certificates complete in all respects shall be prepared and submitted by the Contractor well ahead of time so that the actual construction/commissioning of the work is not delayed for want of the approval/inspection by concerned authorities. The Contractor shall arrange the inspection of the works by the authorities and necessary coordination and liaison work in this respect shall be the responsibility of the Contractor. However, statutory fees paid for all inspections and approvals by such authorities, if any, should be included in the quoted price.

The inspection and acceptance of the work by statutory authorities shall, however, not absolve the Contractor from any of his responsibilities under this Contract.

16.0 EMPLOYMENT OF LOCAL LABOUR

- 16.1 The CONTRACTOR shall ensure that local labour, skilled and/or unskilled, to the extent available shall be employed in this work. In case of non-availability of suitable labour in any category out of the above persons, labour from outside may be employed.
- 16.2 The CONTRACTOR shall not recruit personnel of any category from among those who are already employed by the other agencies working at site but shall make maximum use of local labour available.

17.0 LABOUR

- 17.1 The Contractor shall make his own arrangements for the engagement of all labour for doing the work at site or in respect of or in connection with the execution of work as also for the transport, housing, feeding and payment thereof.
- 17.2 The Contractor shall provide on the site, an adequate supply of drinking and other water for the use of the Contractor's staff and labours. The construction area shall be properly illuminated so that work is performed safely and to achieve the required progress at construction site.
- 17.3 The Contractor shall not import, sell, give, barter or otherwise dispose of any alcoholic liquor, or drugs, or permit or suffer any such importation, sale, gift, barter or disposal by his sub-Contractor/s, his/ their servants, agents or employees.
- 17.4 The Contractor shall not give, barter or otherwise dispose of to any person or persons, any arms or ammunition of any kind or permit or suffer the same as aforesaid by his sub-Contractor/s, his/their servants, agents or employees.
- 17.5 The Contractor shall in all dealings with labour in his employment have due regard to all recognised festivals, days of rest and religious or other customs.
- 17.6 In the event of any outbreak of illness of an epidemic nature, the Contractor shall comply with and carry out such regulations, orders and requirements as may be made by the Government, or the local medical or sanitary authorities for the purpose of dealing with and overcoming the same.

- 17.7 The Contractor shall at all times take all reasonable precautions to prevent any unlawful, riots or disorderly conduct by or amongst his employees/labour and for the preservation of peace and protection of persons and property in the neighbourhood of the works against the same.
- 17.8 The Contractor shall at all times during the continuance of the contract comply fully with all existing Acts, Regulations and bye laws including all statutory amendments and re-enactment of State or Central Government and other local authorities and any other enactments and acts that may be passed in future either by the State or the Central Government or local authority, including Indian Workmen's Compensation Act., Contract labour (Regulation and Abolition) Act, 1970 and Equal Remuneration Act, 1976, Factories Act, Minimum wages Act, provident Fund Act, etc., and sanitary arrangement for the said Act. Health and sanitary Arrangements for workmen, Insurance and other benefits etc., and shall indemnify and keep the Owner/Engineer-in-Charge indemnified in case any proceedings are taken or commenced by any authority against the Owner/Engineer-in-Charge for any contravention of any of the laws, bye laws or scheme by the Contractor. If as a result of Contractor's failure, negligence, omission, default or non-observance of any provisions of any laws, the Owner/Engineer-in-Charge is called upon by any authority to pay or reimburse or required to pay or reimburse any amount, the Owner/Engineer-in-Charge shall be entitled to deduct the same from any money due or that may become due to the Contractor under this contract or any other contract or otherwise recover from the Contractor any sums which the Owner/Engineer-in-Charge is required or called upon to pay or reimburse on behalf of the Contractor. All registration and statutory inspection fees in respect of his work pursuant to the contract shall be paid by the Contractor.
- 17.9 The Contractor shall pay the labourers engaged by him on the work not less than a fair wage, which expression shall mean, whether for time or piece work, rates of wages as may be fixed by the Public Works Department as fair wages for **ASSAM Region** payable to the different categories of labourers or those notified under the Minimum Wages Act for corresponding employees of the Owner/Engineer-in-Charge whichever may be higher.
- 17.10 The Contractor shall notwithstanding the provisions of any contract to the contrary, cause to be paid a fair wage to the labourers indirectly engaged by sub-Contractors in connection with the said works as if the labourer had been directly employed by him.
- 17.11 The Contractor shall maintain records of wages and other remuneration paid to his employees in such form as may be convenient and to the satisfaction of the Owner/Engineer-in-Charge and the Conciliation Officer (Central), Ministry of Labour, Government of India, or such other authorised person appointed by Central or State Government and the same shall interalia include the following particulars of each worker:
- i) Name, works number and grade.
 - ii) Rate of daily or monthly wage.
 - iii) Nature of work on which employed.
 - iv) Total number of days worked during each wage period.
 - v) Total amount payable for the work during each wage period.
 - vi) All deductions made from the wage with details in each case of the ground for which the deduction is made.
 - vii) Wage actually paid for each wage period.
- 17.12 The Contractor shall comply with all the precautions as required for the safety of the workmen by I.L.O. convention (No. 62) as far as they are applicable to the contract. The Contractor shall provide all necessary safety appliances e.g., goggles, helmets, masks, etc. to the workmen and the staff.

18.0 CONTRACTOR'S LABOURERS TO LEAVE SITE ON COMPLETION OF THE WORK

The labourers of CONTRACTOR must leave the location of the project site after the work is tapered off/ completed.

19.0 SETTLEMENT OF DISPUTE BETWEEN GOVT. DEPT./ PUBLIC SECTOR UNDERTAKINGS

- 19.1 If the CONTRACTOR is a PSU or Enterprise or is a Govt. Deptt., any disputes or differences between the CONTRACTOR and the OWNER hereto arising out of any notified claim of the CONTRACTOR in terms hereof and/or arising out of any amount claimed by the OWNER (whether or not the amount claimed by the OWNER or any part thereof shall have been deducted from the final bill of the CONTRACTOR or any amount paid by the OWNER to the CONTRACTOR in respect of the work), then in suppression of the provisions of Section 9 of the General Conditions of Contract, the following provisions shall apply, namely; such disputes or differences shall be resolved amicably by mutual consultation or through the good offices or empowered agencies of the Government. If such resolution is not possible, then the unresolved disputes or differences shall be referred to arbitration of an arbitrator to be nominated by the Secretary, Department of legal affairs (Law Secretary) in terms of the Office Memorandum No. 55/3/1/75-CF dated 19th December, 1975 issued by the Cabinet Secretariat (Department of Cabinet Affairs) as modified from time to time. The Arbitration Act shall not be applicable to the arbitrator under this clause. The award of the arbitrator shall be binding upon 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 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.
- 19.2 Notwithstanding the existence of any dispute or arbitration in terms hereof or otherwise, the CONTRACTOR shall continue and be bound to continue and perform the works to completion in all respects according to the Contract (unless the Contract or Works be determined by the OWNER) and the CONTRACTOR shall remain liable and bound in all respects under the Contract”.

20.0 FUEL REQUIREMENT OF WORKERS

Contractor shall ensure that the fuel requirement of the workers is arranged, to avoid any cutting of trees etc., in the area. This is as per the requirement of Central Pollution Control Board. Therefore, no fire wood is to be used by CONTRACTOR or Contractor's LABOUR.

21.0 RESPONSIBILITY OF CONTRACTOR

- 21.1 It shall be the responsibility of the CONTRACTOR to obtain the approval for any revision and/or modifications decided by the CONTRACTOR from the OWNER/ Engineer-in-Charge before implementation. Also such revisions and/ or modifications if accepted/ approved by the OWNER/ Engineer-in-Charge shall be carried out at no extra cost to the OWNER. All expenses towards mobilisation at site and demobilisation including bringing in equipment, work force, materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in the prices quoted and no separate payments on account of such expenses shall be entertained.
- 21.2 It shall be responsibility of the CONTRACTOR to provide, operate and maintain all necessary construction equipment, steel scaffoldings and safety gadgets, cranes/ derrick and other lifting tackles, tools and appliances to perform the work in a workman like and efficient manner and complete all the jobs as per time schedules without any extra cost to the OWNER.

- 21.3 Preparing approaches and working area for the movement and operation of the cranes/ derrick, levelling the areas for assembly and erection shall also be responsibility of the CONTRACTOR. The CONTRACTOR shall acquaint himself with access availability facilities, such as railway siding, local labour etc., to provide suitable allowances in his quotation. The CONTRACTOR may have to build temporary access roads to aid his own work, which shall also be taken care of while quoting for the work.
- 21.4 The CONTRACTOR shall responsible for procurement and supply in sequence and at the appropriate time of all equipments/ materials and consumables and his rates for execution of work will include of supply of all these items.
- 21.5 The contractor shall make all provisions for monsoon protection cover to ensure that there shall not be any stoppage/ hindrance in working during monsoon season.

22.0 QUALITY ASSURANCE SYSTEM

- 22.1 The CONTRACTOR shall adhere to the quality assurance system as per BCPL Specification No. 6-78-0001 Rev-0 enclosed as per **Annexure-VI to SCC**. After the award of the contract, detailed quality assurance programme to be followed for the execution of contract shall be submitted by CONTRACTOR.
- 22.2 The CONTRACTOR shall establish document and maintain an effective quality assurance system as outlined in recognised codes.
- 22.3 Quality Assurance System plans/ procedures of the CONTRACTOR shall be furnished in the form of a QA manual. This document should cover details of the personnel responsible for the quality assurance, plans or procedures to be followed for quality control. The quality assurance system should indicate organisational approach for quality control and quality assurance of the construction activities, at all stages of work at site as well as at manufacturer's works and despatch of materials.
- 22.4 The Quality Assurance plan for various equipment and materials shall be furnished to the OWNER prior to commencement of manufacturing. The OWNER shall review the same within 3 (three) weeks of its submission.
- 22.5 The responsibility for inspection/ testing as per specification approved documents and agreed Quality Assurance procedure and plans shall be that of the CONTRACTOR. Inspection activities of the Third Party Inspection Agency shall be coordinated by the Inspection Coordinator of CONTRACTOR.
- 22.6 The OWNER or their representative shall reserve the right to inspect/ witness, review any or all stages of work at shop/site as deemed necessary for quality assurance.
- 22.7 The CONTRACTOR has to ensure the deployment of quality Assurance and Quality Control Engineer(s) depending upon the quantum of work. This QA/QC group shall be fully responsible to carryout the work as per standards and all code requirements. In case Engineer-in-charge feels that QA/QC Engineer(s) of CONTRACTOR are incompetent or insufficient, CONTRACTOR has to deploy other experienced Engineer(s) as per site requirement and to the full satisfaction of Engineer-In-Charge.
- 22.8 In case CONTRACTOR fails to follow the instructions of Engineer-in-charge with respect to above clauses, next payment due to him shall not be released unless until he complies with the instructions to the full satisfaction of Engineer-in- charge.

23.0 MANPOWER TO BE MOBILISED

- 23.1 The Contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule, progressively deploy qualified skilled, semi skilled and unskilled personnel on the work and augment the same as decided by the Engineer-in-Charge depending upon the site requirement & the exigencies of work so as to

complete all works within the construction schedule without any additional cost to OWNER. Minimum Key Construction Manpower to be deployed by contractor shall be as **Annexure-VII to SCC**.

- 23.2 Qualification and experience of Key Construction Personnel to be deployed at site shall be as per **Annexure-VIII** to SCC. Contractor shall submit bio-data of Key Construction Personnel meeting the requirement of this Annexure which will be reviewed and approved by Engineer-in-Charge.

24.0 EQUIPMENTS, TOOLS & TACKLES

- 24.1 The Contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule, progressively deploy equipments and tools & tackles and augment the same as decided by the Engineer-in-Charge depending on the exigencies of the work so as to complete all works within the contracted time schedule and without any additional cost to Owner. Minimum equipments, tools & tackles to be deployed by contractor shall be as **Annexure-IX to SCC**.

25.0 TESTS AND INSPECTION OF WORKS

- 25.1 The CONTRACTOR shall carry out the various tests as enumerated in the technical specifications in the bidding document and the technical documents that will be furnished to him during the performance of the work at no extra cost to the owner.
- 25.2 All the tests either on the field or at outside laboratory concerning the execution of the work and supply of materials by the CONTRACTOR shall be carried out by the CONTRACTOR at his own cost.
- 25.3 The work is subject to inspection at all times by the Engineer-in-charge. The CONTRACTOR shall carry out all instructions given during inspection and shall ensure that the work is being carried out according to the technical specifications of this bidding document, the technical documents in the bidding document and the technical documents that will be furnished to him during the performance of the work and the relevant codes of practice.
- 25.4 The CONTRACTOR shall provide for purposes of inspection, necessary instruments at his own cost for inspection of work.
- 25.5 All results of inspection and test will be recorded in the reports, proforma of which will be approved by the Engineer-in-charge. These reports shall form part of the Completion Documents.
- 25.6 Inspection and acceptance of the work shall not relieve the CONTRACTOR from any of his responsibilities under this contract. Any work not conforming to drawings, specifications codes shall be rejected and Contractor shall carry out rectification at his own cost.
- 25.7 Cost towards repeat tests and inspection due to failures, repairs etc. for reasons attributable to the CONTRACTOR shall be borne by the CONTRACTOR.
- 25.8 Various tests as specified in specifications shall be carried out to the entire satisfaction of OWNER/BCPL.

26.0 COMPLETION DOCUMENTS

- 26.1 The CONTRACTOR shall carryout various tests as called for in bidding document either on field or at outside approved laboratories at his own cost. All test results and related documents shall be submitted in 6 (Six) copies as part of completion documents.
- 26.2 The following documents in addition to documents specified in GCC shall be submitted in hard binder by the CONTRACTOR in 6 (Six) sets, as a part of completion documents:
- a) Test Certificate from manufacturers for all supply material.

- b) Any other drawing/ document/ report specified elsewhere in the bidding document.
- c) Test Certificate, Warrantee/Guarantee certificate and copies of Purchase Order with Prices blank from manufacturers for major supply materials.
- d) Batch Test Certificate from manufacturers for electrodes.
- e) 6 Sets of as built Construction Drawings/ Documents/ Reports.
- f) All other requirements as specified in the respective specifications.

26.3 The documents as mentioned in Technical Document shall be submitted by the CONTRACTOR.

27.0 HEALTH, SAFETY AND ENVIRONMENT (HSE) MANAGEMENT

27.1 The CONTRACTOR shall adhere to the Health, Safety and Environment (HSE) management system as per BCPL Specification No. 6-82-0001 Rev.4, Safety Measures for Electrical Installations during Construction as per Std. No.7-51-0332, enclosed as **Annexure-X** to this SCC.

27.2 The CONTRACTOR shall establish document and maintain an effective Health, Safety and Environment (HSE) management system.

27.3 In case CONTRACTOR fails to follow the instructions of Engineer-in-charge with respect to above clauses, next payment due to him shall not be released till CONTRACTOR complies with the instructions to the full satisfaction of Engineer-in-charge.

27.4 Oil Industry Safety Directorate (OISD) Guidelines-192 & 207

The contractor in addition to the safety measures mentioned elsewhere in the tender document shall comply with Safety Practices during construction as mentioned in OISD Guidelines-192 and Contractor Safety as mentioned in OISD Guidelines-207 enclosed with the Bidding Document as **Appendix-XI to SCC**.

27.5 In addition to the provisions on Safety specified in the Bidding Documents and other applicable statutory requirements, penalty as per BCPL Specification No. 6-82-0001 Rev. 4 shall also be leviable for violations relating to Safety, Health & Environment:

27.6 The CONTRACTOR shall be required to take a suitable Insurance Policy with a view to cover themselves against the above penalties and submit a copy of the said policy to the Engineer-in-Charge before possession of site is given to them. LABOUR, LABOUR LAWS and site requirements.

27.7 Access to Site

The Contractor shall obtain prior permission of the Owner/Engineer-in-Charge before any person not directly connected with the works visits the site. Contractor shall obtain prior permission for his workers gate pass/for materials etc., as may be required to carry out the works inside the plant premises from the Owner/Engineer-in-Charge and shall follow the rules and regulations of CISF/Owner/Engineer-in-Charge which may be enforced from time to time for entry or exit.

Contractor shall make adequate arrangements for uninterrupted working during monsoon season at site.

27.8 Site Facilities

The Contractor shall arrange for the following facilities at site, for workmen deployed/engaged by him/his sub-Contractor, at its own cost.

- (i) Arrangement for First Aid.
- (ii) Arrangement for clean & portable drinking water.
- (iii) Toilet
- (iv) Canteen where tea & snacks are available
- (v) A creche where 10 or more women workers are having children below the age of 6 years.
- (vi) Any other facility/utility as may be required under the Contract.

28.0 COORDINATION WITH OTHER AGENCIES

Work shall be carried out in such a manner that the work of other agencies operating at the site is not hampered due to any action of the CONTRACTOR. Proper coordination with other agencies will be responsibility of the CONTRACTOR. In case of any dispute, the decision of Engineer-in-Charge shall be final and binding on the CONTRACTOR.

29.0 CLEARANCE OF SITE ON COMPLETION

Upon the issue of the taking-over certificate the Contractor shall clear away and remove from the part of the site to which such taking-over certificate relates all Contractors equipment, surplus material, rubbish and temporary work of every kind and leave such part of the site and works clean and in a workmanlike condition to the satisfaction of the Engineer-in-Charge. Provided that the Contractor shall be entitled to retain on site, until the end of the defects liability period, such materials, Contractors equipment and temporary works as are required by him for the purpose of fulfilling his obligations during the defects liability period.

30.0 ABNORMALLY HIGH UNIT RATES (AHR ITEMS)

Clause No. 20.0 of GCC is modified to the following extent:

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

1. Rates as per SOR, quoted by the Contractor.
2. Rate of the item, which shall be derived as follows:
 - a) Based on rates of machine and labour as available from the contract (which includes contractor's supervision, profit, overheads and other expenses).
 - b) In case rates are not available in the contract, rates will be calculated based on prevailing market rates of machine, material and labour plus 15% (fifteen percent) to cover Contractor's supervision profit, overhead & other expenses

31.0 BONUS FOR EARLY COMPLETION

The Clause No. 27.3 of General Conditions of Contract shall not be applicable for this work.

32.0 FINAL INSPECTION

After completion of all tests as per specification the whole work will be subject to a final inspection to ensure that job has been completed as per requirement. If any defects noticed in the work attributable to CONTRACTOR, these shall be attended by the CONTRACTOR at his own cost, as and when they are brought to his notice by the OWNER. OWNER shall have the right to have these defects rectified at the risk and cost of the CONTRACTOR if he fails to attend to these defects immediately.

33.0 TEST & INSPECTION OF SUPPLY ITEMS

- 33.1 All inspection and tests on bought out items if any shall be made as required by specifications forming part of this contract. Various stages of inspection and testing shall be identified after receipt of Quality Assurance Programme from the contractor/manufacturer.
- 33.2 Bidder shall be required to submit recent test certificates for the material being used in works from the recognised laboratories. These certificates should indicate all properties of the materials as required in relevant IS Standards or International Standards. Contractor shall also submit the test certificate with every batch of material supplied which will be approved by Engineer-in-Charge.
- 33.3 Inspection calls shall be given for association of OWNER as per mutually agreed programme in prescribed proforma with 15 days margin, giving details of equipment and attaching relevant test certificates and internal inspection report of the contractor. All drawings, general arrangement and other contract drawings, specifications, catalogues etc. pertaining to equipment offered for inspection shall be got approved by OWNER final copies shall be made available to Owner before hand for undertaking inspection. The contractor shall ensure full and free access to the inspection engineer of Owner at the contractor or their sub-contractor's premises at any time during contract period to facilitate him to carry out inspection and testing assignments.
- 33.4 The contractor/sub-contractor shall provide all instruments, tools, necessary testing and other inspection facilities to inspection engineer of Owner free of cost for carrying out inspection.
- 33.5 Where facilities for testing do not exist in the Contractor's/sub-contractor's laboratories, samples and test pieces shall be drawn by the Contractor/ Sub-Contractor in presence of Inspection Engineer of OWNER and duly sealed by the later and sent for tests in Government approved Test House or any other testing laboratories approved by the Inspection Engineer at the Contractor's cost.
- 33.6 The Contractor shall comply with the instructions of the Inspection Engineer fully and with promptitude.
- 33.7 The Contractor shall ensure that the equipment/assemblies/component of the plant and equipment required to be inspected are not assembled or dispatched before inspection.
- 33.8 The Contractor shall ensure that the parts once rejected by the Inspection Engineer are not used in the manufacture of the plant and equipment. Where parts rejected by the Inspection Engineer have been rectified or altered, such parts shall be segregated for separate inspection and approval, before being used in the work.
- 33.9 On satisfactory completion of final inspection and testing, all accepted plant and equipment shall be stamped suitably and inspection Certificate shall be issued in requisite copies for all accepted items. For stage inspection and for rejected items, only inspection memo shall be issued indicating therein the details of observations and remarks.
- 33.10 If Owner or its representative fails to inspect within 30 days after receipt of inspection notice, the Contractor may dispatch material on specific approval of Owner. All inspection and tests shall be made as required by the specifications forming part of this contract. Contractor shall advise OWNER in writing at least fifteen days in advance of the date of final inspection/tests. Manufacturer's inspection or testing certificates for equipment and materials supplied may be considered for acceptance, at the discretion of Engineer-in-Charge. All costs towards testing etc. shall be borne by the contractor within their quoted rates.

34.0 MAKE OF MATERIALS

Wherever an item is specified or described by a particular brand name, manufacturer or vendor, the specific item mentioned shall be for establishing type, function and quality

desired. However final acceptance of equipment shall depend upon its conformity with the technical specification laid down in the bidding documents. The make of various materials should either be as specified in the Contract or should be as per Owner approved vendor list.

35.0 COMPUTERIZED CONTRACTORS BILLING SYSTEM

- 35.1 Without prejudice to stipulation in Terms and Conditions of Works Contract, Contractor should follow following billing system.
- 35.2 The bills will be prepared by the Contractor on their own PCs as per the standard formats and codification scheme proposed by Owner. The Contractor will be provided with data entry software to capture the relevant billing data for subsequent processing. Contractor will submit these data to Owner in an electronic media along with the hard copy of the bill, necessary enclosures and documents. The Contractor will also ensure the correctness and consistency of data so entered with the hard copy of the bill submitted for payment.
- 35.3 Owner will utilize these data for processing and verification of the contractor's bill and payment."

36.0 UNDERGROUND AND OVERHEAD STRUCTURES

The information to possible extent regarding existing structures/ overhead lines, existing pipelines and utilities are already indicated on alignment sheets. Over and above Contractor may encounter other structures/ pipelines/ OFC etc. that may not be appearing on alignment sheet, the Contractor is required to collect such information on his own before commencing the work. The Contractor shall execute the work in such a manner that the said structures, utilities, pipelines etc. are not disturbed or damaged, and shall indemnify and keep indemnified the Owner from and against any destruction thereof or damages thereto.

37.0 DISTINCTION BETWEEN SUBSTRUCTURE / FOUNDATION AND SUPERSTRUCTURE

- 37.1 To distinguish between work in substructure and superstructures, the following criteria shall apply:
- 37.2 For all equipments pedestals, pipe racks, other foundations and RCC structures, work done upto 300mm level above Highest Pavement Point/Finished Floor Level will be taken work in sub-structure and work above this level will be treated as work in superstructures.
- 37.3 For Buildings only, all works upto level corresponding to finished floor level (Ground Floor) shall be treated as work in "Substructure" and all works above the finished floor level shall be treated as "Work in Superstructure".
- 37.4 Irrespective of what has been stated above, all pavements, RCC retaining wall, all pipe sleepers and any similar item would be taken as work done in substructure / foundation irrespective of locations nomenclature, and levels given anywhere. Where not specifically pointed out all works in sumps, drains manholes, tank pads, cable trenches or such similar items would be taken as work in substructure / foundation.

38.0 MECHANISED CONSTRUCTION

- 38.1 Contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule adopt as far as practicable, mechanized construction techniques for major site activities. Contractor agrees that he will deploy the required numbers and types of the plant & machinery applicable for different activities in consultation with the Engineer-in-charge during execution of works.

- 38.2 Contractor further agrees that Contract price is inclusive of all the associated costs, which he may incur for actual mobilization, required in respect of use of mechanised construction techniques and that the Owner/Consultant in this regard shall entertain no claim whatsoever.

39.0 CHECKING OF LEVELS

- 39.1 The Contractor shall be responsible for checking levels, orientation plan of all foundations, foundation bolts, etc., well in advance of taking up the actual erection work and bring to the notice of Engineer-in-Charge discrepancies, if any. In case of minor variations in levels etc. the Contractor shall carry out the necessary rectifications to the foundations within his quoted price.
- 39.2 The Contractor shall also be responsible for checking with templates, wherever necessary, the disposition of foundation bolts with the corresponding bases of structure and shall effect rectifications, as directed, within his quoted rate.

40.0 PRICE VARIATION FOR STRUCTURAL STEEL, STEEL PLATES & REINFORCEMENT BAR

The price variation shall be applicable on supply price of bulk steel material for site fabrication/construction for permanent incorporation in work i.e. for structural steel, steel plates & Reinforcement Bar only. The following price variation formula shall be applied for variation in supply price of structural steel, steel plates and reinforcement bar :

$$V_m = (IR \times Q) \times \frac{M - M_o}{M_o}$$

Where

V_m	=	Variation in supply price of structural steel, steel plates & Reinforcement Bar
IR	=	Rate of steel items (structural steel, steel plates & Reinforcement Bar) declared by SAIL on the due date of submission of bid.
Q	=	Qty. of Structural Steel & Reinforcement Bar executed by Contractor & certified by Engineer-In-Charge.
M_o	=	All India Wholesale Price Index for Iron & Steel Commodity released by Office of Economic Advisor to Govt. of India, Ministry of Commerce and Industry (as published by RBI) on the last date of submission of bid (including extension in the date if any).
M	=	All India Wholesale Price Index for Iron & Steel Commodity released by Office of Economic Advisor to Govt. of India, Ministry of Commerce and Industry (as published by RBI) on the date of placement of Purchase Order to Material supplier.

The above price variations shall be applicable only for **structural steel, steel plates & Reinforcement Bar (excluding chequered plate & gratings)**; for which purchase orders are placed within 75 % of original time schedule of the contract; reckoned from the date of issue of notification of award and brought to site within original time schedule of the contract. For the materials which are brought at site beyond the above time period, price variation clause shall not be applicable even if the purchase orders are placed within 75 % of original time schedule of the contract.

The purchase orders for all items, for which price variation is applied, as mentioned above, shall be sent to Engineer-In-Charge immediately after placement of purchase order to the vendor, but not later than 7 days after placement of such purchase order.

41.0 CONDITIONS FOR ISSUE AND RECONCILIATION OF MATERIALS

- 41.1 Free Issue Materials (FIM) if any shall be issued as per terms and conditions set forth in the General Conditions of Contract (GCC) and Annexure enclosed as Annexure-XII to SCC from Owner's stores or other issue points of Owner.
- 41.2 Every month, Contractor shall submit an account for all materials issued by Owner in the proforma prescribed by the Engineer-in-Charge. On completion of work the Contractor shall submit "Material Appropriation Statement" for all materials issued by the Owner.
- 41.3 Wherever materials are under Contractor's scope of supply whether part or in full for any item of work covered under SOR, no allowances towards wastage/scrap etc. shall be accounted for.
- 41.4 The conditions for issue of materials by OWNER and reconciliation of such materials shall be as per specification No. 7-82-0001 Rev. 0 attached herewith as **Annexure-XII** to these Special Conditions of Contract. This shall not be applicable for the materials supplied by CONTRACTOR.

42.0 INSURANCES

- 42.1 Owner will arrange Comprehensive Insurance policy covering Marine, Inland Transit Insurance (in India) and Site Erection/ Storage Insurance.

However, Bidder shall carry and maintain any and all other Statutory Insurance(s) required under Indian laws and regulations, including Workmen Compensation Act/ Employee State Insurance/ Third Party Liabilities etc. and Insurances for their personnel engaged in performance of the work at Contractor's own cost.
- 42.2 Irrespective of work acceptance, the responsibility to maintain adequate insurance coverage at all times during the period of Contract shall be that of Contractor alone. Contractor's failure in this regard shall not relieve him of any of his responsibilities and obligations under the contract.
- 42.3 Contractor shall provide the Owner with a copy of all insurance policies and documents taken out by him in pursuance of the Contract. Such copies of documents shall be submitted to the Owner immediately upon the Contractor having taken such insurance coverage. Contractor shall also inform the Owner at least 60 (Sixty) days in advance regarding the expiry, cancellation and/or changes in any of such documents and ensure revalidation/renewal etc., as may be necessary well in time.

43.0 WAREHOUSING

- 43.1 In line with requirements specified in GCC and specifications, material shall be properly stored by Contractor in his warehouse to enable easy traceability, handling and preservation with all material having proper identification marks, colour coding etc. In case Contractor fails to follow the specified requirements, next payment due to the Contractor shall not be released till he complies with all the requirements

44.0 General requirements for RADIOGRAPHY & Other NDT works

- 44.1 CONTRACTOR shall appoint radiography/ NDT agency(ies) only after acceptance of such agency(ies) by OWNER. However, acceptance of radiography/ NDT agency by OWNER shall not absolve the CONTRACTOR of his responsibility to execute radiography work as per requirements of the Contract.
- 44.2 CONTRACTOR shall mobilize Radiography/ NDT agency at site along with adequate number of radiography resources/ NDT equipments & appliances, commensurate with the welding activity and quantum of Radiography/NDT work load to avoid delays in Radiography/ NDT and consequent generation of back log. In the event of generation of back log leading to Delay/

Holdup of subsequent activities OWNER has right to engage additional agency for carrying out the radiography at the risk and cost of CONTRACTOR including 100% overhead charge.

44.3 Date and extent of mobilization of radiography/ NDT agency/resources shall be agreed by the CONTRACTOR and the Engineer-in-Charge at the start of work.

44.4 Radiography Check Shots

- a) To verify that radiographs are being taken on the prescribed / selected welds / spots only, 5% of already radiographed spots shall be selected by the Engineer-in-Charge or his designated person for check shots. The check shots shall be taken up before any further radiography work.
- b) The CONTRACTOR will be paid for the check shots at the quoted rates if no variation is found. If mismatch / variation is found in any of the check shot as per para 45.4 a), CONTRACTOR shall have to take re-radiography of the entire lot represented by mismatched check shot (a days production or more as decided by Engineer In-Charge). In such cases, no payment will be made for the check shots as well as the re-radiography of the entire lot represented by the check shot.
- c) In the event of any non-matching / variation is observed in re-radiography of the entire lot as per para 45.4 (b) above with reference to the earlier radiographs taken, the radiography agency shall be forthrightly debarred from site. CONTRACTOR shall then carryout re-radiography up to maximum of 100% of all the prescribed / selected welds/ spots radiographed by the debarred radiography agency (as per direction of the Engineer In-Charge) at his own cost by engaging a separate Radiography agency acceptable to OWNER. The process for verification of radiographs through check shots shall be continued as per clause 45.4 (a) above from the lots selected by the Engineer In-Charge till 2 (two) consecutive lots are found with matching check shot radiographs to the satisfaction of OWNER.

45.0 GENERAL GUIDELINES DURING AND BEFORE ERECTION

45.1 CONTRACTOR to study the equipment layout and his scope of work carefully and accordingly workout the erection sequence and execution methodology of various equipments, piping structural and other facilities in the scope.

45.2 Orientation of all foundation, elevations, lengths and disposition of anchor bolts and diameter of holes in the supports saddles shall be checked by contractor, well in advance. Minor rectifications including chipping of foundations as the case may be shall be carried out at no extra cost by the Contractor after obtaining prior approval of the Engineer-in-charge. The Contractor shall also be provided with the necessary structural drawings and piping layouts etc. wherever required for reference. If a structural member needs to be dismantled, to facilitate the equipment erection, same shall be done by the Contractor after ensuring proper stability of main structure with prior permission of Engineer-in-charge. All such dismantled members shall be put in position back after the completion of equipment erection to satisfaction of Engineer-in-charge.

45.3 CONTRACTOR to note that work of other agencies will not be kept under hold for the purpose of release of work front for equipment erection and other works in CONTRACTOR's scope.

45.4 A well planned and feasible erection sequence shall be developed by the CONTRACTOR in such a way that it results into NO HOLD on nearby equipments foundations/civil and structural works or erection of any facility. CONTRACTOR will identify and indicate clearly the detailed erection sequence of various equipments for review / approval of OWNER on award of contract.

- 45.5 The CONTRACTOR shall be responsible for organizing the lifting of the equipment in proper sequence so that orderly progress of the work is ensured and access routes for erecting the other equipments/facilities are kept open.
- 45.6 CONTRACTOR to mobilize Cranes and other resources, as required, to meet the sequence/ schedule of completion at no extra cost to OWNER.
- 45.7 The CONTRACTOR will indicate in the bid, the make and model of cranes proposed to be mobilized by him at site to work as main crane and trailing cranes. Erection of equipments by any other means other than cranes is not acceptable. Further, the Erection schemes proposing erection by Tandem lift method, Derrick arrangement, Strand Jack method and guy type crawler crane shall not be considered for any equipment.
- 45.8 Detailed erection scheme for all critical equipments will be developed and submitted by the CONTRACTOR on award of work for approval of Engineer-in-charge at site. All the Cranes and lifting tackles are subjected to load testing at site / should have valid load test certificates. For the purpose of load testing of cranes, the CONTRACTOR will submit a "Procedure for Load Testing of Cranes" to the Engineer-in-Charge. The actual load testing shall be carried out in accordance with the procedure, as approved by the Engineer-in-Charge. The CONTRACTOR at no extra cost to OWNER will arrange required loads for load testing purpose.
- 45.9 All lifting tackles to be used during erection shall be appropriately labelled/ stamped for their safe working loads. The safe working loads mentioned on labels/ stamping on lifting tackles will be as per the latest test certificates, which will be made available by CONTRACTOR (in original) before actual use of such lifting tackles at site.

46.0 COMPENSATION FOR EXTENDED STAY

- 46.1 The clause no. 87 (vi) of GCC is modified to the following extent:
- 46.1.1 In case the time of completion of work is delayed beyond the time schedule indicated in the bidding document plus a grace period equivalent to 1/5th of the time schedule or 8 weeks whichever is more, due to reasons solely attributable to Employer/Consultant, the contractor shall be paid extended stay compensation in order to maintain necessary organizational set up and construction tools, tackles, equipments etc. at site of work. The bidder shall mention the rate for such extended stay compensation per month in the 'Priced Part' which will be considered for evaluation. The period for the purpose of evaluation shall be 1/5th of the time schedule or 1 (One) month whichever is less.
- 46.1.2 In case bidder does not indicate the rate for extended stay compensation as per the proforma in Priced Part, it will be presumed that no extended stay compensation is required to be paid to the contractor.
- 46.1.3 In case the completion of work is delayed beyond a period of one month after the grace period then both the Employer/Consultant and the Contractor shall mutually decide the future course of action including payment of further extended stay compensation.
- 46.1.4 Bidder to note that in case they don't indicate the rate for extended stay compensation as per proforma, provisions of clause will not be applicable for them

47.0 ACTION IN CASE OF SUBMISSION OF FALSE/FORGED DOCUMENT

- 47.1.1 Bidder is required to furnish the complete and correct information/ documents required for evaluation of their bids, if the information/ documents forming basis of evaluation is found to be false/ forged, the same shall be considered adequate ground for rejection of bids and forfeiture of Earnest Money Deposit (Bid Security).
- 47.1.2 In case, the information/ document furnished by the vendor/ contractor forming basis of evaluation of his bid is found to be false/ forged after the award of the contract, GAIL/ BCPL

shall have full right to terminate the contract and get the remaining job executed at the risk & cost of such vendor/ contractor without any prejudice to other rights available to GAIL/ BCPL under the contract such as forfeiture of CPBG/ Security Deposit, withholding of payment etc.

- 47.1.3 Incase this issue of submission of false document comes to the notice after execution of work, GAIL/ BCPL shall have full right to forfeit any amount due to the vendor/ contractor along with forfeiture of CPBG/ Security Deposit furnished by the vendor/ contractor.
- 47.1.4 Further, such bidder/ vendor/ contractor shall be put on Blacklist/ Holiday List of GAIL/ BCPL debarring them from future business with GAIL/ BCPL.

50.0 ELECTRICAL WORKS

- 50.1 Subject to provisions of the General Conditions of Contract, the inspection and tests as required under Indian Electricity Rules-1956 and prescribed in I.S.732 (Part-III) - 1982 shall be conducted.
- 50.2 The CONTRACTOR shall have a valid electrical contractor's license for working in Assam State. The Contractor shall furnish a copy of the same to Engineer-in- Charge before commencement of any electrical work or work pertaining to Electrical System. No electrical work or work pertaining to electrical system(s) shall be permitted to be executed without a valid Electrical Contractors License being produced by the CONTRACTOR.
- 50.3 For other details regarding conformity to rules and regulations during execution of work, refer relevant technical specifications.
- 50.4 Contractor is required to check the suitability of existing Wiring, Cabling and Electrical equipments already installed in the LAB building with respect to the new requirements of the tender. Details of the discrepancy if any in existing installed electrical equipments and works shall be informed to Engineer-in-charge before starting of work and the Contracted prices are deemed to be inclusive of all the costs associated with all the above activities, unless there is additional work involving materials etc., if any.

51.0 SUPPLY OF STEEL & CEMENT

The Contractor shall purchase Steel & Cement from manufacturers or their stockists as per the list attached as **Appendix-XIII to SCC.**

SCOPE OF WORK

[ANNEXURE - I TO SPECIAL CONDITIONS OF CONTRACT]

SCOPE OF WORK

BRIEF SCOPE OF WORK FOR MISCELLANEOUS TENDER (CIVIL & ELECTRICAL)

Quality Control Laboratory Building has been constructed by BCPL at their Lepetkata Complex. Subsequently the Laboratory Building has been found to be inadequate in several aspects for proper and smooth functioning of laboratory.

Broadly following inadequacies were noticed:

- 1- The building has no arrangements for water supply and disposal of waste water in the laboratory rooms.
- 2- Tiled Flooring in the building is not strong enough to support the heavy instruments and additional strengthening of the area may be required to support heavy instruments.
- 3- Door sizes in the building may be small and dismantling of doors / rebuilding of the damaged portion of the floors and around the doors is required during installations of instruments.
- 4- Installation of Exhaust Fans is required in the Laboratory building.
- 5- Electrical system provided in the building is insufficient to cater for the power requirements of instruments to be installed in the laboratory and the same needs to be augmented suitably with provisions of power feeding switches for instruments and the split type ACs to be installed in the laboratory.
- 6- Provision of Flame Proof fittings etc.

Keeping into considering above inadequacies in the building, BCPL is intending to execute these works by awarding an item tender for these works. Most of the engineering design drawings are available in the tender documents. However sites decisions may be required keeping in to consideration the actual working conditions at site.

Discipline wise detailed scope work, specifications etc. are provided in the technical part of the tender.

SCOPE OF WORK

[ANNEXURE - I TO SPECIAL CONDITIONS OF CONTRACT] SCOPE OF WORK

BRIEF SCOPE OF WORK FOR MISCELLANEOUS TENDER (CIVIL & ELECTRICAL)

Quality Control Laboratory Building has been constructed by BCPL at their Lepetkata Complex. Subsequently the Laboratory Building has been found to be inadequate in several aspects for proper and smooth functioning of laboratory.

Broadly following inadequacies were noticed:

- 7- The building has no arrangements for water supply and disposal of waste water in the laboratory rooms.
- 8- Tiled Flooring in the building is not strong enough to support the heavy instruments and additional strengthening of the area may be required to support heavy instruments.
- 9- Door sizes in the building may be small and dismantling of doors / rebuilding of the damaged portion of the floors and around the doors is required during installations of instruments.
- 10- Installation of Exhaust Fans is required in the Laboratory building.
- 11- Electrical system provided in the building is insufficient to cater for the power requirements of instruments to be installed in the laboratory and the same needs to be augmented suitably with provisions of power feeding switches for instruments and the split type ACs to be installed in the laboratory.
- 12- Provision of Flame Proof fittings etc.

Keeping into considering above inadequacies in the building, BCPL is intending to execute these works by awarding an item tender for these works. Most of the engineering design drawings are available in the tender documents. However sites decisions may be required keeping in to consideration the actual working conditions at site.

Discipline wise detailed scope work, specifications etc. are provided in the technical part of the tender.

[ANNEXURE - II TO SPECIAL CONDITIONS OF CONTRACT]
SCOPE OF SUPPLY

- 1.0 The Contractor's and Owner's scope of supply shall be as specified in document of Technical Section and Schedule of Rates enclosed with the Bidding Document.

TIME SCHEDULE

[ANNEXURE - III TO SPECIAL CONDITIONS OF CONTRACT]

DURATION OF CONTRACT

NAME OF WORK	CONTRACT DURATION
MISCELLANEOUS WORKS TENDER (CIVIL & ELECTRICAL) FOR ESTABLISHMENT OF LABORATORY AT BRAHMAPUTRA PETROCHEMICAL COMPLEX, LEPETKATA, ASSAM BIDDING DOCUMENT NO. : TENDER NO. BCPL/DIB/C&P/SER/20130136/BB	04 (Four) Months

Note:

1. The time of completion mentioned above shall be reckoned from date of issue of Letter / Fax of Acceptance (LOA/FOA)
2. The time indicated is for completing all the works in all respects as per specifications, codes, drawings and instructions of Engineer-in-Charge and submission of all reports as mentioned in the Technical Specifications.

(STAMP & SIGNATURE OF BIDDER)

MEASUREMENT OF WORK

[ANNEXURE - IV TO SPECIAL CONDITIONS OF CONTRACT]

MEASUREMENTS OF WORK

1.0 GENERAL

- 1.1 The mode of measurement shall be as mentioned in relevant standard specification incorporated in the Bidding Document. Any other mode of measurements not covered in above specifications shall be followed in accordance with relevant BIS codes /Schedule of Rates/ Specifications etc. and/or as decided by Engineer-in-Charge.
- 1.2 Payment will be made on the basis of joint measurements taken by Contractor and certified by Engineer-in-Charge. Measurement shall be based on "Approved for Construction" drawings, to the extent that the work conforms to the drawings and details are adequate.
- 1.3 Wherever work is executed based on instructions of Engineer-in-Charge or details are not adequate in the drawings, physical measurements shall be taken by Contractor in the presence of Engineer-in-Charge.
- 1.4 Measurements of weights shall be in metric tonnes corrected to the nearest Kilogram. Linear measurements shall be in meters corrected to the nearest centimeters.
- 1.5 The weights mentioned in the drawing or shipping list shall be the basis for payment. If mountings for panels etc. are packed separately, their erection weights shall include all mountings.
- 1.6 Welds, bolts, nuts, washers etc. shall not be measured. Rates for structural steel work shall be deemed to include the same.
- 1.7 No other payment either for temporary works connected with this Contract or for any other item such as weld, shims, packing plates etc. shall be made. Such items shall be deemed to have been included for in the rates quoted.
- 1.8 Measurements will be made for various items under schedule of rates on the following basis as indicated in the unit column
 - i) Weights MT or Kg
 - ii) Length M (Metre)
 - iii) Number No.
 - iv) Volume Cu.M
 - v) Area Sq.M

2.0 GENERAL CIVIL AND STRUCTURAL WORKS

- 2.1 The measurement of works as mentioned in the relevant Technical / Standard Specification shall be followed.

3.0 ELECTRICAL WORKS

- 3.1 The measurement of cable laying shall be made on the basis of length actually laid from lug to lug including length of loops provided.
- 3.2 The weights mentioned in drawing or shipping list shall be the basis of payment. If mountings for panels etc are packed separately, their erection weights shall include all mountings.

4.0 PAINTING ON PIPING/STRUCTURAL STEEL ETC.

4.1 PAINTING ON PIPING INCLUDING SPECIALS AND FITTINGS

- i) Payment will be made on linear measurement in 'Metres' corrected to the nearest centimeter.
- ii) Piping shall be measured along the centre line through all types of fittings and flanges.
- iii) Rates for painting of pipes shall be inclusive of painting of all types of pipe supports, flanges, guides, shoes, saddles, clamps, etc and also all types of fittings except valves (2" and above) which shall be paid separately on number basis.
- iv) There will be no separate measurements of the colour bands/ identification signs (line numbering), flow direction etc. on uninsulated piping, the rates of painting of linear length of piping shall be inclusive of cost of such items.

4.2 PAINTING ON STEEL STRUCTURE

- i) Payment for steel structures shall be made on the basis of admissible weight of structure painted.
- ii) Welds, bolts, nuts, washers etc. shall not be measured and rates for painting of structure shall be inclusive of painting such items.

TERMS OF PAYMENT

[ANNEXURE-V TO SPECIAL CONDITIONS OF CONTRACT]

MOBILIZATION ADVANCE

Mobilisation Advance if required by the CONTRACTOR shall be paid as follows :

Recoverable **interest bearing Mobilization Advance upto a maximum limit of 10% (ten percent) of the awarded Contract Value carrying an interest rate (medium item) at PLR charged by SBI (applicable as on date of award) plus 2% per annum on reducing balance**, shall be paid to the Contractor, in the manner as given below:

- A. 5% (Five Percent) of awarded Contract value shall be payable as Mobilization Advance after fulfilling the following formalities by the Contractor:
 - a) Signing of Contract Agreement by the Contractor.
 - b) Submission of Performance Contract Security as per provision of Clause No. 24.0 of General Conditions of Contract and valid up to Defects liability period plus 3 months. The clause no. 24.1 stands modified to this extent.
 - c) Submission of a separate bank guarantee from a Nationalized/Scheduled Bank in proforma approved by OWNER, equivalent to 10% of 110% of awarded contract value covering mobilization advance and kept valid up to completion of work Plus 3 months . However, Contractor may submit Bank Guarantee of 10% as above in two stages of 5% each for availing advance against Sub-clause A & B.
- B. 5% (Five Percent) of awarded Contract Value shall be payable on Construction of Site Office, Storage Shed, Fabrication Yard etc. and Mobilisation of equipments so as to start the work to the entire satisfaction of Engineer-in-Charge.

The Mobilisation Advance together with the interest accrued, shall be recovered from each running account bill @ 12% of gross amount of Monthly R.A. Bill in such a manner that the total advance and interest accrued is recovered when approximately 80% of the contract value gets paid. Balance amount, if any, remaining un-recovered shall be deducted in full from the pre-final bill. However, the Contractor may opt for a higher percentage of recovery of Mobilisation Advance together with the interest accrued from their RA Bills.

The Mobilization Advance paid to the Contractor shall be used for execution of this Contract only and the Contractor shall satisfy OWNER/ Engineer-in-Charge in this regard whenever required. If it is found that the said advance has been utilized by the Contractor in whole or part for any other purpose, OWNER may at its discretion forthwith recall the entire advance or such amount thereof as outstanding and without prejudice to any other right or remedy available to OWNER, recover the same by recourse to any Bank Guarantee.

SECURED ADVANCE ON MATERIALS

In case of items for complete works involving both supply and its erection, contractor may be allowed "Secured Advance" on the security of materials brought to site for execution of the contracted items of work to the extent of 75% of the value of materials which go into the completed works as assessed by the Engineer-in-Charge provided that the materials are of an imperishable nature and that formal agreement is drawn up with the contractor under which the Owner secures a lien on the materials and is safe guarded against loses due to the contractor postponing the execution of the work or to the improper storage &/or misuse of the materials and against the expenses entitled for their proper watch and safe custody. Recoveries of advances so made would from the running account bills for work done as the materials are used. The necessary deductions shall be made

whenever the items of work in which they are used and billed for. The deductions shall be made in such a way that the entire advance is recovered upto the pre-final bill.

ON ACCOUNT PAYMENTS

Progress Payments shall be released to Contractor against monthly running account bills duly certified by Engineer-in-charge after affecting the necessary deductions/recovery of mobilisation advance including interest charges accrued thereon. The basis for payment against various items shall be

CIVIL AND ARCHITECTURAL WORKS

- 95% on completion of work on prorata basis as certified in monthly progress bill.
- 05% on completion of all works in all respects and issuance of completion certificate.

STRUCTURAL WORKS

In case of Contractor supplied material

FABRICATION AT SITE

- 5% on finalisation of quantities, plan and submission of approved fabrication drawings.
- 55% on receipt and acceptance of material at site.
- 20% on fabrication, surface preparation and application of primer coat.
- 20% on erection, alignment, welding, painting etc.
- 05% on completion of all work in all respects and issuance of completion certificate.
-

ELECTRICAL WORKS

For Supply Items

- 95% on receipt and acceptance of material at site.
- 05% on completion of all works in all respects and issuance of completion certificate.

For Erection Items

- 80% on completion of erection / installation.
- 15% on testing and acceptance.
- 05% on completion of all works in all respects and issuance of completion certificate.

For Items involving both Supply & Erection

- 65% on receipt and acceptance of material at site.
- 20% after erection / installation.
- 10% after testing and acceptance.
- 05% on completion of all works in all respects and issuance of completion certificate.

ANY OTHER WORK (NOT COVERED ABOVE).

- 95% progressively on completion of individual items of work.
- 5% on completion of all works in all respects and issuance of completion certificate.

NOTE:

1. The above progress payments are subject to deductions towards income tax, mobilisation advance and other deductions as applicable as per terms of the Contract.

Further break-up of above payment terms, if deemed necessary for any progressive payment of individual items may be mutually arrived at by Engineer-in-Charge and Contractor.

QUALITY ASSURANCE SYSTEM

[ANNEXURE - VI TO SPECIAL CONDITIONS OF CONTRACT]

(ATTACHED SEPARATELY)

MINIMUM MANPOWER TO BE MOBILISED
[ANNEXURE - VII TO SPECIAL CONDITIONS OF CONTRACT]

**KEY CONSTRUCTION MANPOWER REQUIRED TO BE MOBILIZED BY THE CONTRACTOR DURING EXECUTION
MISCELLANEOUS WORKS FOR QC LABORATORY OF M/s BCPL AT LEPATKATA**

(TENDER NO. BCPL/DIB/C&P/SER/20130136/BB)

S. NO.	DESCRIPTION	NOS.
7.	RCM/ SITE-IN-CHARGE/ RESIDENT ENGINEER	1
8.	LEAD DISCIPLINE ENGINEER - ELECTRICAL	1
9.	PLANNING ENGINEER	1
10.	SAFETY OFFICER	1 AS PER HSE SPEC (6-82-0001)
11.	MATERIALS MANAGER	1
12.	DISCIPLINE ENGINEERS/ SUPERVISORS - ELECTRICAL - CIVIL/STRUCTURAL	1 1

NOTES

- 1) The details of Key Construction manpower required to be mobilized by the contractor at peak to complete the work within schedule. Contractor is required to augment the above list with additional numbers/categories of personnel as required and/or as directed by Engineer-In charge to complete the work within the completion time schedule and quoted price.
- 2) The Key Construction Personnel identified above shall be well qualified & having adequate relevant experience, as specified in document No. 9-1940-0001 enclosed with the bidding document. The other manpower shall also be qualified and experienced with their assigned work.
- 3) CVs of key persons proposed to be deployed shall be submitted to Owner/Engineer-In-charge prior to their mobilization at site. The mobilization of key personnel shall be done at site subject to prior approval of their CVs by Owner/Engineer-In-charge.
- 4) Following manpower to be mobilized within 15 days of award of work

RCM/Site-in-charge	:	1 No
Planning Engineer	:	1 No
Lead Electrical	:	1 No
Safety officer	:	1 No
Material Manager	:	1 No

(STAMP & SIGNATURE OF BIDDER)

**QUALIFICATION & EXPERIENCE
REQUIREMENTS OF MANPOWER TO BE
DEPLOYED AT SITE**

[ANNEXURE - VIII TO SPECIAL CONDITIONS OF CONTRACT]

	QUALIFICATION & EXPERIENCE REQUIRED		
Resident Construction Manager/ Resident Engineer/Site- In-Charge	Degree or Diploma in Engineering with minimum following relevant →		
	Contract value (Rs)	< 5 Cr. works	5-20 Cr. works
	Degree holders	5 yrs →	10 yrs
	Diploma holders	8 yrs	13 yrs
Lead Discipline Engineer (Mechanical, Civil, Electrical, Instrumentation)	Degree or Diploma in relevant Engineering discipline with following minimum		
	Contract value (Rs)	≤ 20 Cr. works	> 20 Cr. works
	Degree holders	5 yrs →	10 yrs
	Diploma holders	8 yrs	13 yrs
Lead Welding/ NDT Engineer	Degree or Diploma in Mechanical Engineering/ Metallurgy with the following experience in Welding & → NDT (Non Destructive Testing) plus Level-II in RT (Radiographic Testing) (refer Note 1 also):		
	Contract value (Rs)	≤ 20 Cr. Works	> 20 Cr. Works
	Degree holders	5 yrs →	10 yrs
	Diploma holders	8 yrs	13 yrs
Lead QA/QC Engineer	Degree in Engineering with following experience (refer Note		
	Contract value (Rs)	≤ 20 Cr. Works	> 20 Cr. Works
	Experience	5 yrs of construction experience of which 2 years should be as QA Manager	10 yrs of construction experience of which 3 years should be as QA Manager
Lead Planning Engineer	Degree in Engineering with following experience in Planning		
	Contract value (Rs)	≤ 20 Cr. works	> 20 Cr. works
	Experience	5 yrs.	10 yrs.

Safety Officer	As per clause 3.1.4 of EIL standard specification for HSE Management at construction sites (No. xxxx -/6-82-0001)	
Warehouse- In-Charge/ Materials Manager	Diploma in Engineering or Diploma in Materials Management or Graduate in any stream with min. following experience in Warehousing/ Stores	
	Contract value (Rs)	≤ 20 Cr. works > 20 Cr. works
	Experience	5 yrs. 10 yrs.
Quantity Surveyor	Degree or Diploma in Engineering with minimum following experience in quantity estimation, field measurement, rate analysis, bill preparation etc. in Construction field:	
	Contract value (Rs)	≤ 20 Cr. works > 20 Cr. works
	Degree holders	2 yrs. 5 yrs.
	Diploma holders	5 yrs. 10 yrs.
Discipline Engineer	Degree in relevant Engineering Discipline with minimum 2 years of experience in construction or Diploma in relevant Engineering Discipline with minimum 4 years of experience in Construction.	

Notes: (for Table on previous page)

1. For Mechanical, Composite, EPC or EPCC Contracts of value more than Rupees 20 crores, the Lead Welding/NDT Engineers shall also possess Certified Welding Inspector qualification from American Welding Society or CSWIP3.1 Welding Inspector qualification from The Welding Institute, UK.
2. For Mechanical, Composite, EPC or EPCC Contracts of value more than Rupees 20 crores, the Lead QA/QC Engineer shall also be a qualified internal auditor for ISO 9001.
3. CVs of key construction personnel proposed to be deployed shall be submitted to Owner/Engineer-in-Charge prior to their mobilization at site. The mobilization of key personnel shall be done at site subject to prior approval of their CVs by Owner/Engineer-in-Charge.

PENALTY FOR NON - MOBILIZATION OF KEY CONSTRUCTION PERSONNEL

I) Penalty for non-mobilization per day per person after the contractual mobilization period unless agreed otherwise by the Engineer-in-Charge:

- Rs. 5000/- for Resident Construction Manager/ Resident Engineer/ Site -in-Charge;
- Rs. 3000/- for Lead QA/QC Engineer, Lead Planning Engineer, Lead Safety Officer and Warehouse In-charge

II) Penalty for non-mobilization per day per person after completion of the mobilization period agreed during the Kick off Meeting:

- Rs. 3000/- for Lead Discipline Engineer, Lead Welding/ NDT Engineer and the Quantity Surveyor

Notes: (for Penalty clauses)

- a) All intervening off days (Sundays etc.) and holidays will be counted for levy of penalty
- b) Mobilized personnel shall not be demobilized till contractual completion or based on consent of Engineer-in-Charge else penalties as above shall be applied.
- c) Total of above penalties shall not exceed 3% of the contract value.
- d) The above penalties are over & above all other contractual provisions for late mobilization of resources.

MINIMUM EQUIPMENT, TOOLS & TACKLES
[ANNEXURE - IX TO SPECIAL CONDITIONS OF CONTRACT]

**KEY CONSTRUCTION EQUIPMENTS REQUIRED TO BE MOBILIZED BY THE CONTRACTOR DURING
EXECUTION FOR MISCLLENIOUS WORKS FOR QC LABORATORY OF M/s BCPL AT LEPATKATA**

(TENDER NO. BCPL/DIB/C&P/SER/20130136/BB)

SL. NO.	EQUIPMENT DESCRIPTION	CAPACITY	MINIMUM REQUIREMENT DURING CONSTN
13.	HYDRA	10-12 MT	1
14.	JCB	0.3 M ³	1
15.	TRACTOR TRAILER		2
16.	MIXER MACHINE WITH WEIGH BATCHER		1
17.	NEEDLE VIBRATORS		1
18.	WELDING MACHINE		2
19.	GRINDING MACHINE		1
20.	GAS CUTTING SET		1
21.	TOOLS TACKLES AND ACCESSORIES FOR FIXING MECHANICAL/CHEMICAL ANCHOR FASTENER	ALL SIZES	AS REQUIRED
22.	PORTABLE DRILLING M/C AND HOLE CUTTER		1 SET
23.	JACK HAMMER		1
24.	TOOLS AND TACKLES FOR HDPE PIPE JOINTING AS PER SOQ		AS REQUIRED
25.	TOOLS AND TACKLES FOR U/D INSULATION, FALSE FLOORING AND FALSE CEILING WORKS		AS REQUIRED
26.	AIR COMPRESSOR, BLAST CLEANING EQPT. AND SPRAY PAINTING M/C(AIR LESS)}/ SUPPLIER		1
27.	ELCO METER		1
28.	PLATE COMPACTOR		1
29.	3 TERMINAL EARTH TESTER		1
30.	EARTH DISCHARGE ROD		1
31.	DIGITAL MULTIMETER		2
32.	TONG TESTER		1
33.	CRIMPING TOOL		1 SET
34.	PIPE BENDING M/C		AS REQUIRED
35.	MEGGAR (500V)		1
36.	INSULATION TESTER		1
37.	LUX METER		1
38.	ELECTRICIAN TOOL KIT		AS REQUIRED
39.	LABORATORY EQPTS		AS REQUIRED

NOTES :

1. The details of key construction equipments in good working condition, required to be mobilized by the Contractor, to complete the work within the schedule. The actual deployment schedule of Construction Equipments shall be approved by Engineer-in-charge. Contractor shall augment the above list with additional numbers/categories of equipments, tools & tackles, as required and directed by Engineer-In charge to complete the work within the completion time schedule and quoted price.
2. Contractor to confirm that the above equipments are available with him in good working condition and shall be timely mobilized on this project site. Contractor has the option to hire some of these equipments form equipment-hiring agencies also.
3. Owner/EIL reserves the right to physically check & verify the availability of these equipments prior to award of work.
4. Contractor shall replace any defective/damaged equipments promptly to complete the work without any time & cost implication to the Owner/EIL.
5. Instruments (as applicable) to be made available with valid calibration certificate, issued by NABL accredited laboratory.

(STAMP & SIGNATURE OF BIDDER)

**SPEC. FOR HEALTH, SAFETY AND ENVIRONMENT
MANAGEMENT, SAFETY MEASURES FOR
ELECTRICAL INSTALLATIONS DURING
CONSTRUCTION**

**[ANNEXURE-X TO SPECIAL CONDITIONS OF CONTRACT]
(ATTACHED SEPARATELY)**

**SAFETY PRACTICES DURING CONSTRUCTION
OISD-GDN-192**

**Oil Industry Safety Directorate Government of India Ministry
of Petroleum and Natural Gas**

[ANNEXURE-XI TO SPECIAL CONDITIONS OF CONTRACT]

**(ATTACHED SEPARATELY WITH ANNEXURE-X TO SPECIAL
CONDITION OF CONTRACT)**

GENERAL CONDITIONS OF CONTRACT (GCC)

Wherever written as “GAIL” in GCC should be read as “BCPL”

TABLE OF CONTENTS FOR GENERAL CONDITIONS OF CONTRACT

(ATTACHED SEPARATLY)

**MODIFICATION
TO
GENERAL CONDITIONS OF CONTRACT**

Wherever written as "GAIL" in GCC should be read as "BCPL"

MODIFICATION TO GCC

The GCC attached with this bidding document are now modified to the following extent. Subject to these modifications, all other terms and conditions of GCC shall remain unaltered.

SL. NO.	GCC Clause	GCC Page	TITLE	Modification /Addition /Deletion
1.	107 of GCC	65 of GCC	General Conditions of Contract(GCC)- Section-IX :Applicable Laws and Settlement of Disputes	Article 107 (Arbitration) of Section-IX of GCC stands modified to the following extent: i) GAIL (India) 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 www.gailonline.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. ii) 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 afore said rules. iii) 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. iv) 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. v) 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. vi) 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 GAIL (India) 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

SL. NO.	GCC Clause	GCC Page	TITLE	Modification /Addition /Deletion
				‘Conciliation’ shall be deemed to have been exhausted, even in case of rejection of ‘Conciliation’ by any of the Parties. vii) 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. viii) 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.
2.	--	--	--	The Employer/Company's/OWNER name GAIL (India) Ltd. or GAIL where ever appearing in the General Conditions of Contract shall be read as “Brahmaputra Cracker and Polymer Limited” or BCPL having their registered office at Hotel Brahmaputra Ashok, M G Road, Guwahati-781001 (Assam). The Project office is located at Main Fire Station, Site- Lepetkata, Post- Barbaruah, Distt.-Dibrugarh – 786007, Assam.
3.	6	10	Earnest Money	The Demand Draft/ Banker's Cheque/ Bank Guarantee to be submitted by the bidders in lieu of Earnest Money Deposit as given in the Bidding Document shall be drawn in favour of “Brahmaputra Cracker and Polymer Limited” payable at Dibrugarh in Assam.
4.	36 of GCC	25 of GCC	Contractor's subordinate staff and their conduct	Following New Sub-Clause No. 36.5 is added: “36.5 The Contractor shall obtain necessary certificate with regard to verification of character and antecedents in respect of personnel deployed/ proposed to be deployed to carry out the contractual obligations and provide the copy of the said certificate for facilitating Photo Pass to enter into BCPL's premises.”

(STAMP AND SIGNATURE OF BIDDER)

**PROPOSAL FORMS
(ATTACHED SEPARATELY)**

**TECHNICAL SPECIFICATION (VOL. I & II)
(APPROVED MAKE LIST, LIST OF DRAWING)
(ATTACHED SEPARATELY)**

SCHEDULE OF RATE (UNPRICED PART)

PREAMBLE TO SCHEDULE OF PRICES

- 1.0 The Schedule of Rates shall be read with all other sections of this Bidding Document.
- 2.0 The CONTRACTOR is deemed to have studied the drawings, specifications and details of works to be done within the Time Schedule and should have acquainted himself of the conditions prevailing at site.
- 3.0 The quantities shown against the various items are only approximate and may vary to any extent individually subject to conditions given in General Conditions of Contract/Special Conditions of Contract.
- 4.0 No claim shall be entertained during currency of this Contract towards any items due to the above including where the CONTRACTOR has quoted low/ high rates.
- 5.0 EIL reserves the right to interpolate or extrapolate the rates for any new item of work not covered in Schedule of Rates from the similar items already available in schedule of rates. In case any activity though specifically not covered in schedule of rates descriptions but the same is covered under scope of work/ scope of supply/ specification/ drawings etc. no extra claim on this account shall be entertained, since Schedule of Rates is to be read in conjunction with all other documents forming part of the Contract.
- 6.0 All items of work mentioned in the Schedule of Rates shall be carried out as per the specifications, drawings and instructions of EIL and the rates are deemed to be inclusive of material, consumable, labour, supervision, tools & tackles and detailing of construction/fabrication drawings, isometric wherever required as called for in the detail specification and conditions of the Contract.
- 7.0 Item description provided in Schedule of Rates (Short Description) is in brief, which is print out of Excel file of SOR. While quoting and filling the rate in this Schedule of Rates (Short Description), Bidder shall take into consideration complete scope of work/item description as mentioned in Schedule of Rates (Detailed Description) for the relevant item. The rate quoted in Schedule of Rate (Short Description) shall be deemed to include all activities of work mentioned in item description of Schedule of Rates (Detailed).
- 8.0 Employer/Consultant reserves the right to cancel/ delete/ curtail any item or group of work if necessary. Such a step shall not be construed as reason for changing the rates.

(SIGNATURE & STAMP OF BIDDER)

NAME OF BIDDER: M/s

**NAME OF WORK: MISCELLANEOUS WORKS TENDER (CIVIL & ELECTRICAL) FOR
ESTABLISHMENT OF LABORATORY AT BRAHMAPUTRA PETROCHEMICAL COMPLEX,
LEPETKATA, ASSAM
BIDDING DOCUMENT NO. : BCPL/DIB/C&P/SER/20130136/BB**

EXTENDED STAY COMPENSATION

S. NO.	ITEM	RATE
1.0	Rate of Extended Stay Compensation per Month beyond the Time Schedule and grace period mentioned in Bidding Document for reasons solely attributable to Owner.	INR <u>DO NOT QUOTE</u> (Per Month)

NOTE:

1. Extended Stay Compensation shall be loaded on the quoted prices as per clause no. 48.0 of Special Conditions of Contract.
2. In case no rate for Extended Stay Compensation is stipulated, it will be considered that Extended Stay Compensation is not required by the Bidder and the rates quoted by them shall be valid till completion of works in all respects.

(STAMP & SIGNATURE OF BIDDER)

FORM SP-3

DETAILS OF CENVATABLE SERVICE TAX

S.No.	Description	AMOUNT OF TAXABLE VALUE OF SERVICES (Base value)	Effective rate of tax (%)	Amount of Cenvatable Service Tax
(a)	(b)	(c)	(d)	(e=cxd)
1	CENVATABLE SERVICE TAX	DO NOT QUOTE	DO NOT QUOTE %	DO NOT QUOTE

NOTE:

1. Amount of Cenvatable Service Tax shall not be included by the Contractor in their quoted price. OWNER will reimburse the Cenvatable service tax to the CONTRACTOR against production of original Cenvatable documents as required subject to amount of taxable value of services at Column (c) above. In case any variation in quantities of SOR then this amount shall vary proportionately. This Service Tax component shall not be loaded for evaluation.
2. Effective rate of Service Tax under column no (d) shall be indicated by Contractor after considering the applicable rules and follow the provisions of the Service tax including Government of India latest Notifications & subsequent amendments, if any
3. Bidder shall furnish this Form duly filled in all respects along with Price part.
4. Contractor shall indicate total Cenvatable service tax amount payable under the contract in this format. However, if the services fall under the list of services defined in reverse charge mechanism, then the liability of deposition of service tax to the tax authority by the Contractor and the Owner shall be dealt in accordance with Notifications issued by Government of India from time to time

(SIGNATURE & SEAL OF BIDDER)

FORM SP-4A

DETAILS OF EXCISE DUTY INCLUDED IN QUOTED PRICES FOR INDIGENOUS SUPPLIES

S.No.	DESCRIPTION	Amount on which Excise Duty is applicable (In Rupees)	Amount of Cenvatable Excise Duty Included (In Rupees)
(a)	(b)	(c)	(d)
1	EXCISE DUTY	DO NOT QUOTE	DO NOT QUOTE

NOTE:

1. Above Cenvatable Excise duty amount shall be deducted from the Total Prices for the purpose of evaluation
2. Cenvatable Excise Duty Component mentioned in this FORM shall be considered as mandatory discount and shall be adjusted from all R.A. Bills on prorata basis. The Cenvatable Excise Duty shall be reimbursed to the Contractor upon submission of original Cenvatable documents as required to enable Owner to claim Cenvat benefit subject to the ceiling mentioned in this FORM.
3. Bidder shall furnish this FORM duly filled in all respects along with his Price Part.

(SIGNATURE & SEAL OF BIDDER)

FORM SP-4B

TOTAL CENVATABLE CVD and SAD AMOUNT INCLUDED IN QUOTED PRICES

S.No.	DESCRIPTION	AMOUNT IN INDIAN RUPEES (IN INR)	
		IN FIGURES	IN WORDS
1	Total Cenvatable CVD	DO NOT QUOTE	DO NOT QUOTE
2	Total Cenvatable SAD	DO NOT QUOTE	DO NOT QUOTE

NOTE :

1. Cenvatable CVD and SAD amount mentioned above shall be furnished only with respect to Imported Supplies, if any, covered under FORM SP-1.
2. Above Cenvatable CVD and SAD amount shall be deducted from the Total Prices for the purpose of evaluation.
3. Cenvatable CVD and SAD amount as mentioned above shall be considered as mandatory discount since the same has been taken into consideration for evaluation and shall be deducted from all running account bills (of Supplies) on prorata basis. The amount of Cenvatable CVD and SAD amount shall be reimbursed to the Contractor on production of all relevant documents in accordance with provision of Bidding Document subject to ceiling mentioned above.
4. Bidder shall consider Marine Insurance @ 1% to arrive at the CIF value and thereby calculate Cenvatable CVD and SAD amount

SIGNATURE & SEAL OF BIDDER

MISCELLANEOUS WORKS TENDER (ELECTRICAL & CIVIL) FOR ESTABLISHMENT OF LABORATORY AT
BRAHMAPUTRA PETROCHEMICAL

COMPLEX, LEPETKATA, ASSAM

Schedule of Rates for Electrical Works											
Tender No.	BCPL/DIB/C&P/SER/20130136/BB			0							
Tender Name	Misc. Works for QC Laboratory for BCPL										
				DATE	PURPOSE	BY	CHECKED	APPROVED			
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLYMER LTD Project : Establishment of QC Laboratory	SCHEDULE OF RATES				Rev		
		Date	Bidder's Signature				0				

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	EE	ELECTRICAL			DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
2	E106.00.00	PLUGS, SOCKETS AND JUNCTION BOXES					
3	E106.02.00	Supply of following types of FLP(II A/II B) and WP sockets, plugs and handlamps as per EIL specification No. 6-51-0021, including all labours and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
4	E106.02.01M01	63 A, 415 V, 5 pin switch socket.	NOS	3			
5	E106.02.02M01	63 A, 415 V, 5 pin Plugs for item no. E106.02.01M01.	NOS	3			
6	E106.02.05M01	32 A, 415 V, 4 pin switch socket.	NOS	16			
7	E106.02.06M01	32 A, 415 V, 4 pin Plugs for item no. E106.02.05M01.	NOS	16			
8	E106.02.07M01	240 V, 5 A, 3 pin switch socket.	NOS	110			
9	E106.02.07M02	240 V, 15 A, 3 pin switch socket.	NOS	65			
10	E106.02.07M04	240 V, 32 A, 3 pin switch socket.	NOS	51			
11	E106.02.08M01	240 V, 5 A, 3 pin Plugs for item no. E106.02.07M01.	NOS	110			
12	E106.02.08M02	240 V, 15 A, 3 pin Plugs for item no. E106.02.07M02.	NOS	65			
13	E106.02.08M03	240 V, 32 A, 3 pin Plugs for item no. E106.02.07M04.	NOS	51			
14	E106.03.00	Supply of following types of FLP (II C) and WP sockets, plugs and handlamps as per EIL specification No. 6-51-0021, including all labours and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
15	E106.03.05M01	415 V, 32 A, 4 pin switch socket.	NOS	6			
16	E106.03.06M01	415 V, 32 A, 4 pin Plugs for item no. E106.03.05M01.	NOS	6			
17	E106.03.07M01	240 V, 5 A, 3 pin switch socket.	NOS	100			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
18	E106.03.07M02	240 V, 15 A, 3 pin switch socket.	NOS	40	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
19	E106.03.07M03	240 V, 32 A, 3 pin switch socket.	NOS	17			
20	E106.03.08M01	240 V, 5 A, 3 pin Plugs for item no. E106.03.07M01.	NOS	100			
21	E106.03.08M02	240 V, 15 A, 3 pin Plugs for item no. E106.03.07M02.	NOS	40			
22	E106.03.08M03	240 V, 32 A, 3 pin Plugs for item no. E106.03.07M03.	NOS	17			
23	E110.00.00	ANCHOR FASTENERS					
24	E110.01.00	Supply, drilling in RCC and fixing of metallic anchor fasteners for supporting of cable trays and miscellaneous electrical switchgear of following sizes, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
25	E110.01.01	3/16" BSW.	NOS	30			
26	E110.01.03	1/4" BSW.	NOS	50			
27	E110.01.06	1/2" BSW.	NOS	50			
28	E113.00.00	SAFETY EQUIPMENT					
29	E113.01.00	Supply and installation of the following, including the supply of necessary clamps, bolts, rawl plugs etc., breaking and making good of walls, if required, mounting, including all labour and materials, complete and as per applicable standards and Indian Electricity Rules and as per directions of Engineer-in-Charge.					
30	E113.01.01	Shock hazard charts complete with frame and glass.	NOS	1			
31	E113.01.02	First Aid Boxes.	NOS	2			
32	E113.01.04	6.8 litre capacity CO2 type fire extinguishers.	NOS	2			
33	E201.00.00	SUPPLY OF MV CABLES					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
34	E201.01.00	Supply of 1100 V grade, Aluminium Conductor, PVC insulated and armoured cables of following sizes as per EIL standard specification No. 6-51-0051, data sheet, specifications of this tender and directions of Engineer-in-Charge.			DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
35	E201.01.23	3.5 C x 50 sq. mm	M	100			
36	E201.01.27	3.5 C x 70 sq. mm	M	400			
37	E201.01.40	3.5 C x 240 sq. Mm	M	100			
38	E201.01.45	3.5CX300 sq. mm	M	4000			
39	E201.02.00	Supply of 1100 V grade, Copper Conductor, PVC insulated and armoured, cables of following sizes as per EIL standard specification No. 6-51-0051, data sheets, specifications of this tender and directions of Engineer-in-Charge.	M	7500			
40	E201.02.02	3 C x 2.5 sq. mm	M	5000			
41		3 C x 4 sq. mm	M	750			
42		4 C x 16 sq. mm					
43	E201.02.20	LAYING OF CABLES					
44	E204.00.00	Laying of cables of different voltage grade and types of the following overall diameters in ready trays/trenches/ supported on structure/pull through pipes including supply and fixing of aluminium/lead strip number tags, supply and applying of fireproofing paint to meet OISD requirement (for 1m length near terminations), supply and fixing of GI saddles and saddle bars etc., including transportation from store/yard to site at the place of installation, unpacking, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
	E204.02.00		M	750			
45		Cables with OD upto 20 mm.					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
46	E204.02.02	Cables with OD above 20 mm but upto 30 mm.	M	100	DO NOT QUOTE	. DO NOT QUOTE	DO NOT QUOTE
47	E204.02.03	Cables with OD above 30 mm but upto 40 mm.	M	400			
48	E204.02.06	Cables with OD above 60 mm but upto 80 mm.	M	4200			
49	E205.00.00	END TERMINATIONS					
50	E205.10.00	Termination of PVC insulated armoured power cables (up to 1100 V grade) and connection of leads excluding the supply of cable glands and lugs but including fixing of cable glands, supply and fixing of PVC shrouds for outdoor terminations, cutting and stripping of cable insulation, crimping the lug on to the conductor, clamping of the cable-cores, marking with wire number, ferrules etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
51	E205.10.02	Cables with OD above 20 mm but upto 30 mm.	NOS	4			
52	E205.10.03	Cables with OD above 30 mm but upto 40 mm.	NOS	20			
53	E205.10.06	Cables with OD above 60 mm but upto 80 mm.	NOS	36			
54	E206.00.00	STRAIGHT THROUGH JOINTS					
	E206.01.00	Supply and Making straight through joints for 1100 volt grade cables as per EIL standard specification No. 6-51-0051, including cutting, stripping of cable insulation complete with supply of compression / crimping type ferrules, plastic mould and epoxy resin compound etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
55							
56	E206.01.02	Cables with OD above 20 mm but upto 30 mm.	NOS	2			
57	E206.01.03	Cables with OD above 30 mm but upto 40 mm.	NOS	1			
58	E206.01.03	Cables with OD above 30 mm but upto 80 mm.	NOS	8			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
59	E208.00.00	STRUCTURAL STEEL	KG	500	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
60	E208.08.00	Supply, fabrication and installation of MS base frames, supports for switchgear, and brackets for miscellaneous electrical equipments, cable and cable tray supports out of rolled MS sections, pipes, plates etc. including shot blasting, welding, bolting, rivetting, supply of necessary anchor bolts and grouting etc., supply of paint and applying one coat of anti-rust primer and two finished coats of approved synthetic enamel paint(as per Table-10 of specification 6-44-0004 suitable for highly corrosive environment) including breaking walls, floors etc. for structures as required including supply of all GI hardware materials, all labour and materials complete as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. (Any item weighing up to 1 kg. or less shall neither be measured nor paid).					
61	E209.00.00	CABLE - TRAYS	M	50			
62	E209.01.00	Supply and installation of prefabricated hot dip galvanised steel cable trays, fabricated out of hot rolled sheet steel with rigid welded construction ladder type with a rung as per std. 7-51-0333, of approved make and cable tray fittings, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
63	E209.01.01	300 mm wide Straight run cable tray.	NOS	2			
64	E209.01.57	Horizontal bends for 300 mm wide tray with 1000 mm bending radius.					
65	E209.01.65	Vertical inside bends for 300 mm wide tray with 1000 mm bending radius	NOS	1			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
66	E209.01.69	Tee Joints for 300 mm wide tray with 1000 mm bending radius.	NOS	1	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
67	E209.01.73	Cross Joints for 300 mm wide tray with 1000 mm bending radius.	NOS	1			
68	E209.03.00	Supply and installation of following galvanised slotted channel trays of 2 mm thickness and 50 mm high for supporting cables, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
69	E209.03.01	100 mm wide.	M	10			
70	E209.03.02	150 mm wide.	M	10			
71	E209.03.03	60 mm wide.	M	10			
	E209.04.00	Supply, fabrication and installation of 0.91 mm (20 gauge) GI sheet covers for cable trays, including necessary hardwares, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	SQM	1			
72	E210.00.00	CABLE GLANDS					
73	E210.01.00	Supply of nickel-plated, flame proof IIA/IIB double compression type brass cable glands, suitable for out door terminations of armoured PVC cables of following overall diameter (excluding termination and connection of cables), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
74	E210.01.01	Cables with OD upto 20 mm.	NOS	180			
74	E210.02.00	Supply of nickel-plated, flame proof IIC double compression type brass cable glands, suitable for out door terminations of armoured PVC cables of following					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
75	E210.02.01	overall diameter (excluding termination and connection of cables), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. Cables with OD upto 20 mm.	NOS	70	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
76	E210.04.00	Supply of nickel plated brass single compression cable glands of following overall diameter (excluding termination and connections of cables), including drilling of suitable holes in equipments for fixing purposes etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
77	E210.04.01	Cables with OD upto 20 mm.	NOS	26			
78	E210.04.02	Cables with OD above 20 mm but upto 30 mm.	NOS	4			
79	E210.04.03	Cables with OD above 30 mm but upto 40 mm.	NOS	20			
80	E210.04.06	Cables with OD above 60 mm but upto 80 mm.	NOS	20			
81	E210.04.07	Cables with OD above 80 mm but upto 100 mm.	NOS	12			
82	E210.05.00	Supply and fixing of FLP(IIA/IIB) blocking plugs for blocking unused cable entries with following diameter in outdoor electrical equipment including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
83	E210.05.01	Cables with OD up to 20 mm	NOS	30			
84	E210.06.00	Supply and fixing of FLP(IIC) blocking plugs for blocking unused cable entries with following diameter in outdoor electrical equipment including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
85	E210.06.01	Cables with OD up to 20 mm	NOS	20	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
86	E212.00.00	CABLE LUGS					
87	E212.01.00	Supply of crimping type tinned copper lugs for following conductor sizes, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
88	E212.01.01	All sizes upto 10 sq. mm.	NOS	750			
89	E212.01.03	All sizes from 50 to 185 sq. mm	NOS	72			
90	E212.01.04	All sizes from 240 to 400 sq. mm	NOS	60			
91	E303.00.00	HAZARDOUS AREA LIGHTING FIXTURES AND ACCESSORIES					
92	E303.02.00	Supply of following FLP/Div.2 lighting fixtures complete with lamps, requisite FLP cable glands, plugs and necessary control gear as per EIL standard specification No. 6-51-0061, data sheet for lighting fixture schedule, including all labour and materials, specifications of this tender and directions of Engineer-in-Charge.					
93	E303.02.36	Type FLP-14 Fixtures.	NOS	150			
94	E303.02.41	Type FLP-IIC-14 Fixtures.	NOS	75			
95	E304.00.00	SAFE AREA LIGHTING FIXTURES					
96	E304.01.00	Supply, installation, testing and commissioning of following lighting fixtures and connecting to wiring junction box/marshalling box complete with lamps and necessary control gear including supply of all connected materials like flexible conduit, clamps, supports, chains, anchor fastners, bolts, nuts and washers etc. as required, including supply and fixing of cable glands, lugs, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
97	E304.01.08	Engineer-in-Charge. Type SFD 4 Fixtures.	NOS	2	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
98	E304.01.09	Type SFD 5 Fixtures.	NOS	2			
99	E304.01.23	Type RSD 12 Fixtures.	NOS	2			
100	E304.01.83	Type RSD6T Fixtures.	NOS	2			
101	E304.01.84	Type RSD7 Fixtures.	NOS	2			
102	E305.00.00	FANS AND EXHAUST FANS					
103	E305.01.00	Supply, installation, connection, testing and commissioning of following types of exhaust fans including supply of all necessary supports etc., including fixing of cable glands, lugs with BEE(Bureau of Energy Efficiency) rating of minimum 3 star including all labour and materials and accessories like mounting frame, fixing bolt, wire guard/louvres etc., as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
104	E305.01.01	300 mm dia., 1 phase, 900 rpm, wall mounting type epoxy painted exhaust fan with louvres.	NOS	8			
105	E307.00.00	SOCKETS/RECEPTACLES AND SWITCHES/MCB UNITS					
106	E307.01.00	Supply, installation, connection, testing and commissioning of following ratings of 240 V, single phase, sockets/receptacles and metallic outlet boxes as described below including supply of all connected materials, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
107	E307.01.05M01	5 A, 3 pin surface mounted industrial type switch socket with plug and sheet steel painted box.	NOS	40			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
108	E307.01.06M01	15 A, 3 pin surface mounted industrial type switch socket with plug and sheet steel painted box.	NOS	15	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
109	E307.01.06M02	32 A, 3 pin surface mounted industrial type switch socket with plug and sheet steel painted box for Air conditioning.	NOS	5			
110	E309.00.00	LIGHTING/POWER PANELS AND DISTRIBUTION BOARDS					
111	E309.02.00	Supply, installation, connection, testing and commissioning of safe area lighting/power panels, surface/flush mounting type, wall mounting type in dust tight (with hinged cover) sheet steel enclosure having 4 pole incomer and single pole MCB (9 kA type) for outgoing circuit control with complete wiring, including cable termination, connection and fixing of cable glands, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
112	E309.02.03M01	63 A, 4 pole incomer MCB isolator and 18 Nos. outgoing Double Pole MCBs (upto 20 A) (LP-01, LP-03).	NOS	2			
113	E309.02.03M02	100 A, 4 pole incomer MCCB with O/C, S/C & E/F releases and 18 Nos. outgoing Double pole MCBs (32 A) (AC PP-01 to AC PP-04).	NOS	4			
114	E309.02.06M01	100 A, 4 pole incomer MCCB with O/C, S/C & E/F releases and 24 Nos. outgoing Double pole MCBs (upto 20 A) (PP-01 to PP-08).	NOS	8			
115	E310.00.00	WIRING					
116	E310.02.00	Circuit wiring in hazardous areas using (sizes given below) copper conductor, PVC insulated armoured cables (third core for earthing) from lighting/power panel/distribution junction box onwards, excluding the supply of cables, junction boxes and cable glands but					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
117	E310.02.01	including fixing of cable glands, supply and fixing of clamps, cable terminations and connections, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. 3 C x 2.5 sq. mm	M	7500	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
118	E310.02.02	3 C x 4 sq. mm	M	5000			
119	E310.03.00	Circuit wiring with 660 V grade, (sizes given below) PVC insulated copper wires in already laid surface/concealed conduit from lighting panel/power panel onwards including the supply of wires, termination and connection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
120	E310.03.01	3 C x 1.5 sq. mm	M	10			
121	E310.03.02	3 C x 2.5 sq. mm	M	100			
122	E310.03.03	5 C x 1.5 sq. mm	M	10			
123	E310.03.04	5 C x 2.5 sq. mm	M	200			
124	E310.03.05	7 C x 1.5 sq. mm	M	10			
125	E310.03.06	7 C x 2.5 sq. mm	M	200			
126	E310.03.07	9 C x 1.5 sq. mm	M	10			
127	E310.03.08	3 C x 4 sq. mm	M	30			
128	E310.03.09	5 C x 4 sq. mm	M	100			
129	E310.07.00	Supply and laying of (surface type) approved make of black enamelled steel conduit of following diameter and associated fittings from lighting/power panel, telephone, fire alarm/plant communication points etc., including					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
130	E310.07.01	supply of G.I. sheet steel junction boxes with acrylic cover, pull wire, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. 25 mm diameter.	M	50	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
131	E310.07.02	40 mm diameter.	M	50			
132	E310.10.00	Supply and laying of (concealed type) PVC conduit of following diameter and associated fittings in brick walls, RCC slabs/ceilings for lighting/ power/telephone, fire alarm/plant communication points etc., including supply of G.I. sheet steel junction boxes with acrylic cover, pull wire, making cuts and chasis in built up brick work, RCC slabs/ceilings and making good the same, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
133	E310.10.01	25 mm diameter.	M	50			
134	E310.10.02	40 mm diameter.	M	50			
135	E402.00.00	EARTH ELECTRODES					
136	E402.01.00	Supply, installation, testing and commissioning of GI earth electrodes, complete with earth pit as per std. 7-51-0102 and all necessary materials including excavation of earth pit, filling with charcoal and salt, back filling, providing necessary brickwork, connections, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
137	E402.01.01	GI earth electrode as per std. 7-51-0102.	NOS	10			
138	E403.00.00	EARTH STRIPS					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
139	E403.01.00	Supply, installation and connection of following GI earthing strip along the cable trenches or cable trays or fixing to walls or structures including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting, etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.			DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
140	E403.01.02	50 x 6 mm	M	250			
141	E403.01.03	40 x 5 mm	M	10			
142	E403.01.04	20 x 3 mm	M	250			
143	E404.00.00	EARTHING CONNECTION					
144	E404.01.00	Connecting individual equipment to the earth strip or earth plate with following sizes of G.I. wire / G.I. wire rope including the supply of G.I. wire /G.I. wire rope, lugs, conductors, connecting to the G.I. strip or earth plate and necessary hardware for connection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
145	E404.01.01	3/8" dia (10 mm) flexible rope.	M	100			
146	E405.00.00	EARTH PLATES					
147	E405.01.00	Supply, installation and connection of GI earth plates as per std. 7-51-0103, complete with anchor bolts, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
148	E405.01.01	GI earth plate as per std. 7-51-0103.	NOS	6			
149	E601.00.00	CIVIL WORKS/M.S. CHEQUERED PLATE					
150	E601.03.00	Supply and spreading of approved fine river sand/stone					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
151	E601.03.01	dust in cable trenches, including all labour and materials, specifications of this tender and directions of Engineer-in-Charge. Fine river sand.	CUM	75	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
152	E601.04.00	Supply and spreading of approved second class bricks of 75 mm thickness in cable trenches for cable protection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. (Actual area of laid brick surfaces shall be measured).					
153	E601.04.01	Bricks.	SQM	20			
154	E601.05.00	Providing and laying plain cement concrete for all depths below and up to a plinth level in foundations including tamping, ramming, vibrating, curing, shuttering etc. all as specified in any shape, position, thickness and finishing the top surface rough or smooth as specified and directed, including supply of all materials and all complete for concrete of M-15 grade with 20 mm and down size graded crushed stone aggregates, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
155	E601.05.01	Plain cement concrete.	CUM	75			
156	E601.06.00	Supply, fabrication and installation of 6 mm thick M.S. chequered plate for covering floor cut- outs/cable trenches etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
157	E601.06.01	6 mm thick M.S. chequered plate.	SQM	1			
158	E999.00.00	Miscellaneous					
159	E999.99.00	Miscellaneous					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
160	E999.99.99V01	Removal/reconnection of existing cabling/wiring from MDBs/PDBs to PDB/PP/LP, removal of circuit wiring & handing over to client as per scope of work, repairing of all civil works damaged during removal/reconnection including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge.	M	200	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
161	E999.99.99V02	Supply of following indoor type MV switchboard as per EIL specification No. 6-51-0012, Single Line Diagram nos. A416-000-16-50-1001, A416-000-16-50-1002, Data Sheet nos. A416-000-16-50-DS-0013, A416-000-16-50-DS-0016 including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	NOS	1			
162	E999.99.99V03	415V, 630A, 31.5 KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (MDB-0132). Installation, testing and commissioning of following indoor fixed type switch boards in non-drawout, including transportation from store/yard to site at the place of installation, proper storage, assembly of sections, installation on concrete trenches/foundation, mounting and wiring of loose accessories supplied by equipment vendor, performance guarantee run, handing over to client and other field works including civil-structural work and supply of structural steel, base frames etc., aligning, levelling, testing, calibration of meters/relays and all other accessories, including all labour and materials, as per approved drawings, specifications & Single Line Drawings (A416-000-16-50-1001, A416-000-16-50-1002) of this tender and directions of Engineer-in-Charge. 415V, 630A, 31.5KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (MDB-0132).	NOS	1			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
163	E999.99.99V04	Supply of following indoor type MV switchboard as per EIL specification No. 6-51-0012, Single Line Diagram nos. A416-000-16-50-1001, A416-000-16-50-1002, Data Sheet nos. A416-000-16-50-DS-0013, A416-000-16-50-DS-0016 including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	NOS	2	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
164	E999.99.99V05	415V, 315A, 31.5KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (PDB-0142, PDB-0144). Installation, testing and commissioning of following indoor fixed type switch boards in non-drawout, including transportation from store/yard to site at the place of installation, proper storage, assembly of sections, installation on concrete trenches/foundation, mounting and wiring of loose accessories supplied by equipment vendor, performance guarantee run, handing over to client and other field works including civil-structural work and supply of structural steel, base frames etc., aligning, levelling, testing, calibration of meters/relays and all other accessories, including all labour and materials, as per approved drawings, specifications & Single Line Drawings (A416-000-16-50-1001, A416-000-16-50-1002) of this tender and directions of Engineer-in-Charge.	NOS	2			
165	E999.99.99V08	415V, 315A, 31.5KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (PDB-0142, PDB-0144). Dismantling of false ceiling in certain rooms of Lab as specified in scope of work where Flameproof fixtures & sockets is being proposed and providing false ceiling making it suitable for mounting flameproof fixtures including all labour and materials specifications of this tender and directions of Engineer-in-charge.	SQM	800			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
166	E999.99.99V11	Total area of all the rooms with flameproof fixtures & sockets to be installed	CUM	75	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
167	E999.99.99V12	Breaking/chipping/digging of floor, making cutouts on floor and repairing including provision of plates, welding, bolting, riveting including consolidation and disposal of surplus earth for providing Elevated trenches & suitable cut outs in Electrical room floor for installation of panels including all labour and materials, as per enclosed EIL standards, scope of supply, Electrical drawings and other codes & standards attached or referred and directions of Engineer-in-charge.	NOS	100			
		Removal of existing fixtures & sockets and handing over to client as per scope of work, repairing of all civil works damaged during removal/reconnection including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge.					

Schedule of Rates for Architecture Works

Tender No.	BCPL/DIB/C&P/SER/20130136/BB		0		Issued with bids					
Tender Name	Misc. Works for QC Laboratory for BCPL									
		REV	DATE	PURPOSE	BY	CHECKED	APPROVED			
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLY.LT Project : Establishment of QC Laboratory	SCHEDULE OF RATES			Rev		
		Date	Bidder's Signature					0		

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	A000.00.00	ARCHITECTURE			DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
2	A002.00.00	FLOOR FINISHING					
3	A002.01.00	Providing and laying average 25mm cement concrete flooring in panels consisting of base course of M-15 grade cement concrete (6mm down size stone aggregate) laid over sub-base of cement concrete and finishing with a layer of floating coat of neat cement slurry @ 2.75kg. of cement per Sq.M. of area including cleaning the sub-base surface, applying neat cement slurry @ 2.75 kg of cement per Sq.M. of area over the sub- base to receive the base course, compacting, tamping, trowelling, finishing, curing, providing,shuttering to the edges etc. all complete.					
4	A002.01.01	CEMENT SUPPLIED BY THE CONTRACTOR AT THEIR COST	Sq.M.	200			
5	A002.03.00	Providing and laying average 50mm thick heavy duty flooring in panels consisting of base course of 35mm thick cement concrete (1 cement : 1.5 coarse sand : 3.5 stone aggregates of 10mm to 6mm size by volume) laid over sub-base and 15mm thick finishing layer consisting of cement and integral hardening compound mixed in ratio of 4 cement :1 hardenar (by weight) :2 stone aggregates of 6mm and down size laid integral with base course and finished smooth including cleaning the sub-base surface, applying neat cement slurry @2.75 Kg of cement per Sq.M of area over sub-base to receive the base course, levelling, tamping, trowelling, finishing, curing, providing shuttering to the edges etc. all complete.					
6	A002.03.01	CEMENT SUPPLIED BY THE CONTRACTOR AT THEIR COST.	Sq.M.	70			
7	A002.11.00	Providing and laying tiles in floor, dado, skirting over and					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
8	A002.11.07	including a coating of adhesive as per manufacturers specifications, flush pointing of joints of tiles with cement paste/grouting with white cement and pigment (conforming to IS : 2114, Table-1, matching the shade of tiles) finishing, curing etc. all complete. Decorative, matt/ mirror finish Vitrified porcelain tiles of minimum size 600mm x 600mm x 10mm thick in approved quality, colour, make, design/ pattern.	Sq.M.	170	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
9	A003.00.00	WOOD WORK					
10	A003.01.00	Providing and fixing wooden frames of doors, windows, ventilators including cutting, shaping, jointing, applying a coat of bituminous paint on concealed surface, wood primer on exposed surface, fixing in masonry/RCC by means of 300mm x 25mm x 6mm thick M.S. hold fasts screwed to frame @ 600mm max vertically and grouted with M-15 grade concrete in min. 350mm x 100mm x 100mm sized hole made in masonry/96mm long, 12mm dia M.S. dash fastener, painting with two coats of approved shade and make (ICI or equivalent) synthetic enamel paint over approved quality primer coat, finishing etc. all complete.					
11	A003.01.01	Wooden frames with second class teak wood conforming to IS : 4021.	Cu.M.	0.2			
12	A003.02.00	Providing and fixing Factory made, overall 35mm thick block board flush shutter consisting of solid core block board bonded with phenol phormaldehyde synthetic resin conforming to IS : 848 and faced on both faces with commercial type plywood/teakwood veneering/ lamination bonded with phenol formaldehyde synthetic resin conforming to IS : 848, including providing and fixing second class teakwood perimeter beading fixed by means of approved quality neoprene based adhesive and nailing @ 300 mm max.. painting exposed surface with					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
13	A003.02.03	two coats of approved shade and make synthetic enamel paint over approved quality primer coat, providing and fixing 125mm long M.S. butt hinges [for each shutter (vertical spacing not exceeding 600mm)] including fixing with door frame, finishing etc. all conforming to IS : 2202.	Sq.M.	15	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
14	A005.00.00	Door shutter faced with 1mm thick approved quality lamination of approved shade/brand.					
15	A005.01.00	PLASTERING & POINTING					
16	A005.01.07	Providing plain cement plaster in cement mortar (1 cement:4/6 fine sand by volume) on masonry, PCC/ RCC including preperation of base, finishing, curing etc; also including providing 20 gauge chicken wire mesh stretched tight at all RCC/ PCC and masonry meeting points in 300mm wide strips (150mm on on each surface) fixed with G.I. "U" type nails before plastering.	Sq.M	300			
17	A007.00.00	Ordinary plain cement plaster Average 12mm thick 1:4 (1 cement : 4 sand). Cement supplied by the Contractor at their cost.					
18	A007.03.00	WHITEWASHING, PAINTING & POLISHING			DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
19	A009.00.00	Providing and applying two or more coats (to give a smooth and even shade) of premium plastic emulsion paint conforming to IS:5411 of approved make and shade including cleaning and preperation of surface consisting of application of Plaster of Paris punning over entire surface, filling all holes and depressions with plaster of Paris, applying a coat of cement primer, two or more coats of oil based putty (as per manufacturer's recommendations to give a paste like putty), sandpapering etc. all complete.	Sq.M	300			
		SANITARY FITTINGS & FIXTURES					

Th							
S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
20	A009.11.00	Providing and fixing Heavy grade Bib cocks/ stop cocks of spring loaded self closing type conforming to IS : 781 including making connections, cutting walls and making good the same etc. all complete.			DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
21	A009.11.01	15mm dia CP Brass stop cock.	Unit	10			
22	A009.11.02	15mm dia CP Brass bib cock.	Unit	10			
23	A010.00.00	FALSE CEILING, FALSE FLOORING, UNDERDECK INSULATION, PARTITIONING					
24	A010.03.00	Providing and fixing Mineral Fibre Tile false ceiling consisting of A. 600mm x 600mm x 15mm thick Mineral Fibre Acoustical tiles with durable tegular edging having noise reduction coefficient (NRC) value of min. 0.50, light reflectance value of min. 80%,thermal conductivity (K) value of 0.052-0.057 w/m deg.C and fire performance conforming to class-I as per BS-476,back of the tiles being provided with one coat of protective coating. B. Suspension system consisting of hot dipped galvanised steel main runners @ max. 1200mm c/c (0.33mm thk.,"T"shaped, 24mm x 38mm size with single rotary stitching), cross runners (0.25mm thk.,"T" shaped with double rotary stitching, 24mm x 30mm size, 1200mm long and 24mm x 25mm size, 600mm long), perimeter sections (0.45mm thick,22mm x 22mm size) including suspending the system by means of 4mm dia MS wire,6mm thk. MS cleat of 25mm x 25mm size, dash fasteners and level adjustors, providing 30 micron powder coating to exposed metallic members, providing slit openings for fixing supply/return air grill, lighting fixtures, AC ducts etc. all complete.					
25	A010.03.01	With fine fissured tiles (Acoustical punchers (10mm deep) = 24000sm, No. Of fissures (3 to 4mm deep) = 28800sm)	Sq.M	10			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
26	A999.00.00	Miscellaneous					
27	A999.99.00	Miscellaneous					
28	A999.99.99V01	Breaking/dismantling the existing floor tiles laid over cement concrete flooring (taking all necessary safety precautions not to damage adjoining tiles etc) for all heights/ locations including supply of all tools and tackles, including disposal of the debris from Owner's premises etc. all complete as per instructions of Engineer-in-Charge.	SQM	240	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
29	A999.99.99V02	Removing and re-fixing in position door frames and shutters in brick walls, rcc etc taking all necessary safety precautions not to damage adjoining wall area, including disposal of the debris from Owner's premises, making good any damages done during dismantling/ removal etc. all complete as per instructions of Engineer-in-Charge.	SQM	40			
30	A999.99.99V03	Dismantling the existing false ceiling and refixing (taking all necessary safety precautions not to damage adjoining tiles) for all locations including all tools and tackles, cleaning and removal of material away from Owner's premises etc. all complete.	SQM	200			

Schedule of Rates for General Civil Works

Tender No.		0		ISSUED FOR BIDS				
Tender Name	Misc. Works for QC Laboratory for BCPL							
		REV	DATE	PURPOSE	BY	CHECKED	APPROVED	
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLYMER LTD		SCHEDULE OF RATES		Rev
		Date	Bidder's Signature	Project : Establishment of QC Laboratory				0

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	S000.00.00	CIVIL & STRUCTURAL					
2	S001.00.00	EARTH WORK (REFER SPECIFICATION NO. 6-68-0003)					
3	S001.01.00	Earthwork excavation in soil					
4	S001.01.01	Earth work in EXCAVATION below ground level for all kinds of works in ALL TYPES OF SOILS EXCEPT SOFT ROCK AND HARD ROCK as classified in specification for a depth upto 1.5m including removal of vegetation, shrubs and debris, cutting and dressing of sides in slopes, levelling, grading and ramming of bottoms, dewatering of accumulated water from any source and keeping the surface dry for subsequent works and disposal or stacking of excavated material within a lead of 100m, as directed including providing temporary supports to existing service lines like water pipes, sewage pipes, electric overhead and underground cables etc. all complete, but excluding shoring and strutting.	Cu.m.	45	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
5	S001.07.00	Backfilling after execution of work					
6	S001.07.01	BACKFILLING after execution of the WORK to proper grade and level with selected materials from available excavated soil from spoil heaps within a LEAD OF 100M, including re- excavating the deposited soil excavated earlier, breaking clods, laying at all depths and heights in layers of thickness not exceeding 15 Cms. watering, rolling and ramming by manual methods/ mechanical compactors to achieve 90% laboratory maximum dry density, dressing, trimming etc. in foundations, plinths, trenches, pits etc. all complete.	Cu.m.	25			
7	S001.10.00	Transporting & Disposing the SURPLUS EARTH AND DEBRIS					
8	S001.10.01	Transporting and disposing the SURPLUS EARTH AND	Cu.m.	20			

The							
S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
9	S002.00.00	DEBRIS including shrubs and vegetations from construction area beyond the initial LEAD OF 100M AND UPTO 1KM including re-excavating the deposited soil excavated earlier, transportation, loading, unloading, laying at all depths and heights, stacking, levelling and dressing both the area (viz. from where the earth is transported and where it is deposited) to required levels and slopes complete with all lifts as directed. For carting on the basis of truck measurements (volume of truck reduced by 30% for voids).					
10	S002.17.00	PLAIN & REINFORCED CEMENT CONCRETE: (REFER SPECIFICATION NO. 6-68-0004)					
11	S002.17.01	PCC - Non FIM Items					
12	S002.17.06	Providing and laying PLAIN CEMENT CONCRETE for all depths below and upto plinth level in foundations, drains, fillings, non-suspended floors, pavements & ramps or any other works etc. including shuttering, tamping, ramming, vibrating, curing etc. all as specified in any shape, position, thickness and finishing the top surface rough or smooth as specified and directed all complete for concrete of nominal mix 1:5:10 by mass (1 Cement: 5 Coarse Sand: 10 Crushed Stone Aggregates/Gravels) with 40mm and down size graded crushed stone aggregates/Gravels.ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR.	Cu.m.	2	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
		Providing and laying PLAIN CEMENT CONCRETE of nominal mix 1:3:6 by mass (1 Cement : 3 Sand : 6 Crushed Stone Aggregates) with 10mm and down size graded crushed stone aggregates above plinth level as SCREED in floor slabs, roofs, chajjas, canopies, gutters etc. for all heights including shuttering, tamping, curing etc. as specified in any shape, level, thickness, position and finishing the top surface smooth etc. all complete as	Cu.m.	1			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
13	S002.18.00	directed.ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR.	CUM	15	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
14	S002.18.17	RCC Substrutures - Non FIM Items Providing and laying REINFORCED CEMENT CONCRETE OF M-30 GRADE with 20 mm and down size graded crushed stone aggregates/ gravel in SUB-STRUCTURE e.g. foundations, raft, beams, slabs, pile caps, retaining walls, dyke walls, jambs, counterforts, buttresses, pedestals, pipe sleepers, columns, suspended floors, staircases, landings, steps, brackets etc., including equipment/ machine foundations & pedestals viz. compressors, ID & FD fans, pumps, generators, crushers, mills, etc., (including single pour concreting as specified on the drawing), applying cement wash on concrete surface (wherever no other surface application is specified), providing pockets, openings, recesses, chamfering, etc., wherever required, vibrating, tamping, curing and rendering if required to give a smooth and even surface etc. (EXCLUDING THE COST OF REINFORCEMENT, SHUTTERING & SPECIFIED ADMIXTURES) for all depths below and upto plinth level in any shape, position and thickness etc. all complete as specified, shown and directed. ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR.					
15	S002.23.00	HYD Bars / MS Bars - Non FIM Items	MT	0.8			
16	S002.23.07	Supplying and placing in position HIGH YEILD-STRENGTH DEFORMED STEEL BARS REINFORCEMENT of Grade Fe500 (TMT) conforming to IS:1786, for RCC work including transporting the Steel, straightening, cleaning, decoiling, cutting, bending to required shapes and lengths as per details, binding with 18 SWG black soft annealed binding wire at every					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
17	S002.25.00	intersection, supplying and placing with proper cover blocks, supports, chairs, overlaps, welding, spacers, fanhooks etc. for all heights and depths etc. all complete as directed. SUPPLY OF ALL MATERIAL IN CONTRACTOR'S SCOPE.					
18	S002.25.01	Centering and Shuttering - Non FIM Items					
19	GC	Providing and fixing CENTERING AND SHUTTERING in foundations, footings,raft beams, slabs, pile caps, retaining walls, jambs, counter-forts, buttresses, trenches, equipment/machine foundations, pedestals, abutments, pipe sleepers, columns, plinth beams, lintels, suspended slabs, beams, staircases, landings, steps, non-circular tunnels/bunkers/ silos/ shafts/ hoppers/liquid storage structures etc. for all depths below and upto & inclusive of plinth level including shuttering for single pour concreting, strutting, bracing, propping etc., keeping the same in position during concreting and removal of the same after specified period etc. for Straight/ Inclined Shuttering, keeping necessary provision for inserts, projecting dowels, anchor bolts or any other fixture etc. all complete and as specified and directed.	Sq.m.	120	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
20	C012.00.00	GENERAL CIVIL					
21	C012.01.00	U/G AND A/G G.I. PIPELINE SYSTEM - WATER SERVICES (SPEC. NO.6-65-0027)					
		Supplying and laying mild steel galvanised pipes conforming to IS:1239 (heavy grade) and fittings conforming to IS:1239/ ASTM A105 (Galvanised) and as per piping materials specification Class including supply of teflon tapes, white lead, etc. cutting the pipes to required lengths, making threads, earthwork in excavation for trenches, valve pits, etc. in all types of soil excluding soft and hard rock including laying of pipes in					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
22	C012.01.01V14	trenches, joining the pipes and fittings with threaded connections, hydrostatic testing of the piping, backfilling the trenches with selected/approved earth fill material, cutting of roads wherever required, making good the road surface after laying, disposal of surplus earth within a lead of 500 m, etc. including supply of necessary fittings etc. complete as per specifications, drawings and directions of Engineer-in-Charge. For following Nom.Size in mm.	M	30	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
		(Nom. Dia - 40 mm, Pipe class - J2A)					
23	C012.03.00	Supplying and laying above ground mild steel galvanised pipes conforming to IS:1239 (heavy grade) and fittings conforming to IS:1239/ASTM A 105 (GALVANISED) and as per piping materials specification Class including supply of teflon tapes, white lead, etc. cutting the pipes to required lengths, making threads, including laying of pipes on sleeper, walls, including erecting piping on columns, etc. for pump station, overhead tanks, etc. including joining the pipes and fittings with threaded connections, hydrostatic testing of the piping including supply of necessary fittings etc & pipe supports. complete as per specifications, drawings and instructions of Engineer-in-Charge. For following Nom. Size in mm and piping class..					
24	C012.03.01V18	(Nom. Dia - 40 mm, Pipe class - J2A)	M	30			
25	C025.00.00	MISC. CIVIL AND STRUCTURAL WORKS FOR U/G PIPING AND OTHER CIVIL WORKS (SPEC. NO. 6-65-0035)					
26	C025.16.00	Providing 13mm thick average cement plaster in cement					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
27	C025.16.02	mortar 1:3 (1 cement: 3 sand) on brick walls/stone masonry/pitching or on concrete surfaces for manholes, valves pits, culverts, wing walls, etc. including cleaning and preparation of the surface, scaffolding, curing etc. for all depths and heights complete as per drawings specifications and direction of Engineer-in-Charge. All materials including cement supplied by the Contractor.	SQ.M.	4	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
28	C025.21.00	Supplying and fixing in position medium/ heavy duty CI manhole frame with lugs and cover conforming to IS-1726 including breaking of brick masonry or concrete surface to receive frame with lugs and making good the same with CM 1:3 including applying two coats of anticorrosive paint inclusive of all labours and materials etc. complete.					
29	C025.21.01	circular size 500 mm dia Medium duty of grade MD-10	EACH	10			
30	C025.25.00	Providing cement mortar grouting on brick masonry wall for filling free space between pipe body and masonry wall/concrete wall with 1:2 (1 cement: 2 sand) mortar including packing, consolidating, curing, finishing, etc. complete as per drawings specifications and directions of Engineer-in-Charge.					
31	C025.25.02	All materials including cement supplied by the Contractor.	CU.M.	0.3			
32	C025.44.00	Supplying, fabricating and fixing in position in RCC or brick masonry walls MS rungs made out of 20mm dia. reinforcement bar of grade Fe500 TMT bar conforming to IS: 1786 .Including laying or welding to keep in proper position etc. complete as per drawings, specifications and instructions of Engineer-in-Charge.	EACH	18			
33	C025.53.00	Supplying, construction , testing & commissioning of RCC					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
34	C025.53.02	Neutralisation pit of M-30 grade concrete , providing lean concrete 1:5:10 (1 cement : 5 sand : 10 aggregate) at bottom of Neutralisation pit and PCC 1:2:4 at Finished Grade Level, rungs, lime fill, acid proof lining, chequered plate with lifting hooks, grouting in 1:2 cement mortar(1 cement :2 sand), painting with bitumen primer and Epoxy paint, grouting between pipe and pit wall in 1:2 cement mortar (1 cement : 2 sand), reinforcement steel including straightening, cleaning, cutting, bending, keeping in proper position, centering, shuttering etc. including earth work in excavation in all type of soil except soft rock and hard rock, backfilling & disposal of surplus earth for all leads within the complex limit etc. complete as per standards, drawings, specifications and directions of Engineer-in-charge.	EACH	3	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
35	C029.00.00	All material including cement supplied by the Contractor					
36	C029.03.00	UNDERGROUND SEWER SYSTEM-HDPE PIPES (Spec. No. 6-65-0044)					
		UNDERGROUND SEWER SYSTEM-HDPE PIPES (Spec. No. 6-65-0044) :- Supplying and laying HDPE pipes conforming to IS:4984 of approved make to proper grade and alignment, including earthwork in excavation for trenches etc. in all types of soil except soft and hard rock including dewatering till completion of subsequent works, shoring and strutting, if necessary, dressing the sides, leveling, grading and ramming the bottom, jointing the pipes using hot plates as per manufacturer's recommendation, lowering, providing and laying 1:5:10 (1 cement : 5 sand : 10 aggregate) plain cement concrete of minimum 100mm thickness on bottom and side of pipe as directed, connecting the pipes to manholes and grouting the pipes to manhole/valve chamber walls, including supplying and fixing the specials and fittings, such as bends, reducers, tees, elbows, caps etc.					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
37	C029.03.01V02	conforming to IS:8008 or fabricated from pipes as per specification, supplying and fixing of flanges, fixing of on-line valves, including fixing of bolts, nuts and gaskets etc. as per specifications, testing, draining of water and cleaning of pipes after testing, backfilling the trenches with select material from available excavated soil including re excavating the deposited soil excavated earlier breaking clods and laying in layers of 15cm compacted thickness, watering and compacting with mechanical means like vibro rammers etc. to 90% standard proctor density as per IS:2720 Part-VII, making good the surface, disposal of surplus earth/ unserviceable material to demarcated area anywhere within the complex limit, cutting of road wherever required, making good the same etc. complete for all depths as per drawings, specification and instruction of Engineer-in- Charge. For the following nominal diameter (mm) Pressure Rating(Kg/Cm2)	M	20	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
		(Dia (Internal) - 80 mm, Pressure Rating - 2.5 Kg/sqcm)					
38	C034.00.00	PLUMBING AND BUILDING DRAINAGE (Spec. No. 6-65-0053)					
39	C034.02.00	Supplying and fixing approved quality heavy grade cast iron Floor/Nahani Trap with CP pressed steel grating including cutting floors and making good the same, etc., making inlet and outlet connections, etc. complete for 100mm inlet and 80mm outlet as per drawings, specifications and directions of Engineer-in-Charge.	Each	22			
40	C034.03.00	Supplying and laying cast iron soil waste and vent pipe conforming to IS:1729 above ground including specials, bends, such as Y junction, T junction (both single and double) including plugs, shoes, cowls, jointing with jute gasket dipped in bitumen, caulking the joints in Cement					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
41	C034.03.03	mortar 1:2 (1 cement: 2 sand) and testing, cutting floors/walls and making good the same etc. complete as per drawings, specifications and directions of Engineer-in-Charge.	M	40	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
42	C034.03.04	100mm dia (All materials including cement supplied by contractor)	M	125			
43	C034.04.00	80mm dia (All materials including cement supplied by contractor)	M				
44	C034.04.03	Supplying and fixing approved quality Cast Iron soil/waste pipe conforming to IS:1729 below ground with necessary specials, bends such as Y-junction, T- junction (both single and double) including plugs, shoes, cowls, jointing with lead caulked joints and testing, cutting in floors, earth work in excavation, encasing the pipe in 50mm THK, PCC M20, backfilling and removal of surplus earth upto a lead of 50M etc. complete as per drawings, specifications and directions of Engineer-in-Complete.	M	145			
45	C034.04.04	100mm dia (All materials including cement supplied by contractor)	M	50			
46	C176.00.00	80mm dia (All materials including cement supplied by contractor)	M				
		Supply and installation on terrace, high density polyethylene drinking water circular tank as per IS:12701 and ISI marked including supply and installation of all fittings, cover with suitable locking arrangement, float valve, making necessary holes for inlet, outlet and overflow connection and vent pipe etc. and the base supports for tank including supply of all necessary material all complete as per specifications and directions of Engineer-in-charge. (Sintex or equivalent having valid ISI license) for following capacities					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
47	C176.01.00V04	(Capacity - 2000 Litres) Miscellaneous	EACH	1	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE
48	C999.00.00	Miscellaneous					
49	C999.99.00	Construction of Brick masonry Valve Pit as per EIL Std. 7-65-220 / 221 with approved bricks of Class 10.0 (Brick of class lower than 10.0 i.e. compressive strength of brick lower than 10.0 N/MM2 shall not be acceptable) in Cement Mortar 1:4 (1 Cement : 4 Sand) in one or brick thickness and in any shape in foundation and plinth with all necessary accessories like chequered plates with lift hooks, structural steel, rungs, providing Plain Cement Concrete in M20 grade and gravel at bottom of valve pit, grouting between pipe and wall of pit in 1:2 Cement Mortar (1 Cement : 2 Sand) including earthwork in excavation, backfilling and disposal of surplus earth to specified areas within a lead of 500 m complete as per Drawings, Specifications and Direction of Engineer - in - charge.	EACH	1			
50	C999.99.99V02						
51	C999.99.99V03	Supplying and laying above ground HDPE pipe and vent pipe conforming to IS:4984 and fixing the specials and fittings, such as bends, reducers, tees, elbows, caps etc. conforming to IS:8008 or fabricated from pipes as per specification, cutting the pipes to required lengths, including laying / erecting of pipes on walls, jointing the pipes using hot plates as per manufacturer's recommendation, including supplying and fixing of necessary fittings as flanges, clamps, cowls, including fixing of bolts, nuts and gaskets etc. as per specifications, testing, draining of water and cleaning of pipes after testing, cutting floors/walls and making good the same etc., all complete as per drawings, specifications and instruction of Engineer-in- Charge.	M	65			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
		For nominal diameter 80(mm) Pressure Rating 25(Kg/Cm2)					

Schedule of Rates for Structural Works

Tender No.		0		Released for Tender				
Tender Name	Misc. Works for QC Laboratory for BCPL							
		REV	DATE	PURPOSE	BY	CHECKE	APPROVE	
		Bidder's Stamp		Client : BRAHMPUTRA CRACKER & POLYMER LTD Project : Establishment of QC Laboratory	SCHEDULE OF RATES		Rev	
			Date				0	

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	S000.00.00	CIVIL & STRUCTURAL					
2	S999.00.00	Miscellaneous					
3	S999.99.00	Miscellaneous					
4	S999.99.99V01	Providing RCC foundation/ pedestal for instrument wherever required using M30 grade of concrete and Fe500 TMT reinforcement bars with 20mm graded crushed aggregates including excavation, centering and shuttering; Supplying, fabricating, fixing and keeping in position of anchor bolts or mechanical/ chemical anchor fasteners wherever required; supplying, fabricating and fixing of metal insert plates (with lugs); including final finishing and painting of all exposed surfaces and any other items required to fix the instrument completely at all locations and heights. (ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR)	CUM	5			
5	S999.99.99V02	Dismantling / Demolishing of PCC, RCC, brick work, stone work, flooring, tiles etc. ; Chipping of RCC by chiseling for all thickness wherever required; making pockets or holes in RCC/PCC for all sizes by chiseling or drilling wherever required; (taking all necessary safety precautions) for all depths below plinth level and all heights above plinth level including supply of all tools and tackles, necessary scaffolding, propping, underpinning, cleaning, cutting, straightening, scraping and cleaning of reinforcement bars, lapping/welding reinforcement bars as per drawing, and stacking & DEPOSITING serviceable material in a place directed by Engineer in-charge, disposal of unserviceable material to spoil heaps outside the petrochemical complex; rebuilding the demolished/ dismantled items suite to site including final finishing and painting of all exposed surfaces , all complete as specified and directed by engineer in charge. (ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR)	CUM	10			

DO NOT QUOTE

DO NOT QUOTE

DO NOT QUOTE

S. No.	Item No				Rate in Rupees		Amount in Rs.
					Figures	Words	
6	S999.99.99V03	Supplying, fabricating, fixing and keeping in position of mechanical/ chemical anchor fasteners of all sizes wherever required; supplying, fabricating and fixing of steel plate wherever required; including final finishing and painting of all exposed surfaces and any other items required to fix the instrument completely at all locations and heights as specified and directed by engineer in charge. Payment shall be based on the number of anchor fasteners used. (ALL MATERIALS SUPPLIED BY THE CONTRACTOR)	NOS	30	DO NOT QUOTE	DO NOT QUOTE	DO NOT QUOTE

SCHEDULE OF RATE (PRICED PART)

PREAMBLE TO SCHEDULE OF PRICES

- 9.0 The Schedule of Rates shall be read with all other sections of this Bidding Document.
- 10.0 The CONTRACTOR is deemed to have studied the drawings, specifications and details of works to be done within the Time Schedule and should have acquainted himself of the conditions prevailing at site.
- 11.0 The quantities shown against the various items are only approximate and may vary to any extent individually subject to conditions given in General Conditions of Contract/Special Conditions of Contract.
- 12.0 No claim shall be entertained during currency of this Contract towards any items due to the above including where the CONTRACTOR has quoted low/ high rates.
- 13.0 EIL reserves the right to interpolate or extrapolate the rates for any new item of work not covered in Schedule of Rates from the similar items already available in schedule of rates. In case any activity though specifically not covered in schedule of rates descriptions but the same is covered under scope of work/ scope of supply/ specification/ drawings etc. no extra claim on this account shall be entertained, since Schedule of Rates is to be read in conjunction with all other documents forming part of the Contract.
- 14.0 All items of work mentioned in the Schedule of Rates shall be carried out as per the specifications, drawings and instructions of EIL and the rates are deemed to be inclusive of material, consumable, labour, supervision, tools & tackles and detailing of construction/fabrication drawings, isometric wherever required as called for in the detail specification and conditions of the Contract.
- 15.0 Item description provided in Schedule of Rates (Short Description) is in brief, which is print out of Excel file of SOR. While quoting and filling the rate in this Schedule of Rates (Short Description), Bidder shall take into consideration complete scope of work/item description as mentioned in Schedule of Rates (Detailed Description) for the relevant item. The rate quoted in Schedule of Rate (Short Description) shall be deemed to include all activities of work mentioned in item description of Schedule of Rates (Detailed).
- 16.0 Employer/Consultant reserves the right to cancel/ delete/ curtail any item or group of work if necessary. Such a step shall not be construed as reason for changing the rates.

(SIGNATURE & STAMP OF BIDDER)

NAME OF BIDDER: M/s

**NAME OF WORK: MISCELLANEOUS WORKS TENDER (CIVIL & ELECTRICAL) FOR ESTABLISHMENT OF
LABORATORY AT BRAHMAPUTRA PETROCHEMICAL COMPLEX, LEPETKATA, ASSAM
BIDDING DOCUMENT NO. : BCPL/DIB/C&P/SER/20130136/BB**

EXTENDED STAY COMPENSATION

S. NO.	ITEM	RATE
1.0	Rate of Extended Stay Compensation per Month beyond the Time Schedule and grace period mentioned in Bidding Document for reasons solely attributable to Owner.	INR _____ (Per Month)

NOTE:

- Extended Stay Compensation shall be loaded on the quoted prices as per clause no. 48.0 of Special Conditions of Contract.
- In case no rate for Extended Stay Compensation is stipulated, it will be considered that Extended Stay Compensation is not required by the Bidder and the rates quoted by them shall be valid till completion of works in all respects.

(STAMP & SIGNATURE OF BIDDER)

FORM SP-3

DETAILS OF CENVATABLE SERVICE TAX

S.No.	Description	AMOUNT OF TAXABLE VALUE OF SERVICES (Base value)	Effective rate of tax (%)	Amount of Cenvatable Service Tax
(a)	(b)	(c)	(d)	(e=cxd)
1	CENVATABLE SERVICE TAX		%	

NOTE:

- Amount of Cenvatable Service Tax shall not be included by the Contractor in their quoted price. OWNER will reimburse the Cenvatable service tax to the CONTRACTOR against production of original Cenvatable documents as required subject to amount of taxable value of services at Column (c) above. In case any variation in quantities of SOR then this amount shall vary proportionately. This Service Tax component shall not be loaded for evaluation.
- Effective rate of Service Tax under column no (d) shall be indicated by Contractor after considering the applicable rules and follow the provisions of the Service tax including Government of India latest Notifications & subsequent amendments, if any
- Bidder shall furnish this Form duly filled in all respects along with Price part.
- Contractor shall indicate total Cenvatable service tax amount payable under the contract in this format. However, if the services fall under the list of services defined in reverse charge mechanism, then the liability of deposition of service tax to the tax authority by the Contractor and the Owner shall be dealt in accordance with Notifications issued by Government of India from time to time

(SIGNATURE & SEAL OF BIDDER)

FORM SP-4A

DETAILS OF EXCISE DUTY INCLUDED IN QUOTED PRICES FOR INDIGENOUS SUPPLIES

S.No.	DESCRIPTION	Amount on which Excise Duty is applicable (In Rupees)	Amount of Cenvatable Excise Duty Included (In Rupees)
(a)	(b)	(c)	(d)
1	EXCISE DUTY		

NOTE:

- Above Cenvatable Excise duty amount shall be deducted from the Total Prices for the purpose of evaluation
- Cenvatable Excise Duty Component mentioned in this FORM shall be considered as mandatory discount and shall be adjusted from all R.A. Bills on prorata basis. The Cenvatable Excise Duty shall be reimbursed to the Contractor upon submission of original Cenvatable documents as required to enable Owner to claim Cenvat benefit subject to the ceiling mentioned in this FORM.
- Bidder shall furnish this FORM duly filled in all respects along with his Price Part.

(SIGNATURE & SEAL OF BIDDER)

FORM SP-4B

TOTAL CENVATABLE CVD and SAD AMOUNT INCLUDED IN QUOTED PRICES

S.No.	DESCRIPTION	AMOUNT IN INDIAN RUPEES (IN INR)	
		IN FIGURES	IN WORDS
1	Total Cenvatable CVD		
2	Total Cenvatable SAD		

NOTE :

1. Cenvatable CVD and SAD amount mentioned above shall be furnished only with respect to Imported Supplies, if any, covered under FORM SP-1.
2. Above Cenvatable CVD and SAD amount shall be deducted from the Total Prices for the purpose of evaluation.
3. Cenvatable CVD and SAD amount as mentioned above shall be considered as mandatory discount since the same has been taken into consideration for evaluation and shall be deducted from all running account bills (of Supplies) on prorata basis. The amount of Cenvatable CVD and SAD amount shall be reimbursed to the Contractor on production of all relevant documents in accordance with provision of Bidding Document subject to ceiling mentioned above.
4. Bidder shall consider Marine Insurance @ 1% to arrive at the CIF value and thereby calculate Cenvatable CVD and SAD amount

SIGNATURE & SEAL OF BIDDER

MISCELLANEOUS WORKS TENDER (ELECTRICAL & CIVIL) FOR ESTABLISHMENT OF LABORATORY AT
BRAHMAPUTRA PETROCHEMICAL

COMPLEX, LEPETKATA, ASSAM

Schedule of Rates for Electrical Works											
Tender No.	BCPL/DIB/C&P/SER/201301 36/BB			0							
Tender Name	Misc. Works for QC Laboratory for BCPL										
				DATE	PURPOSE	BY	CHECKED	APPROVED			
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLYMER LTD Project : Establishment of QC Laboratory	SCHEDULE OF RATES				Rev		
		Date	Bidder's Signature						0		

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	EE	ELECTRICAL					
2	E106.00.00	PLUGS, SOCKETS AND JUNCTION BOXES					
3	E106.02.00	Supply of following types of FLP(II A/II B) and WP sockets, plugs and handlamps as per EIL specification No. 6-51-0021, including all labours and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
4	E106.02.01M01	63 A, 415 V, 5 pin switch socket.	NOS	3			
5	E106.02.02M01	63 A, 415 V, 5 pin Plugs for item no. E106.02.01M01.	NOS	3			
6	E106.02.05M01	32 A, 415 V, 4 pin switch socket.	NOS	16			
7	E106.02.06M01	32 A, 415 V, 4 pin Plugs for item no. E106.02.05M01.	NOS	16			
8	E106.02.07M01	240 V, 5 A, 3 pin switch socket.	NOS	110			
9	E106.02.07M02	240 V, 15 A, 3 pin switch socket.	NOS	65			
10	E106.02.07M04	240 V, 32 A, 3 pin switch socket.	NOS	51			
11	E106.02.08M01	240 V, 5 A, 3 pin Plugs for item no. E106.02.07M01.	NOS	110			
12	E106.02.08M02	240 V, 15 A, 3 pin Plugs for item no. E106.02.07M02.	NOS	65			
13	E106.02.08M03	240 V, 32 A, 3 pin Plugs for item no. E106.02.07M04.	NOS	51			
14	E106.03.00	Supply of following types of FLP (II C) and WP sockets, plugs and handlamps as per EIL specification No. 6-51-0021, including all labours and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
15	E106.03.05M01	415 V, 32 A, 4 pin switch socket.	NOS	6			
16	E106.03.06M01	415 V, 32 A, 4 pin Plugs for item no. E106.03.05M01.	NOS	6			
17	E106.03.07M01	240 V, 5 A, 3 pin switch socket.	NOS	100			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
18	E106.03.07M02	240 V, 15 A, 3 pin switch socket.	NOS	40			
19	E106.03.07M03	240 V, 32 A, 3 pin switch socket.	NOS	17			
20	E106.03.08M01	240 V, 5 A, 3 pin Plugs for item no. E106.03.07M01.	NOS	100			
21	E106.03.08M02	240 V, 15 A, 3 pin Plugs for item no. E106.03.07M02.	NOS	40			
22	E106.03.08M03	240 V, 32 A, 3 pin Plugs for item no. E106.03.07M03.	NOS	17			
23	E110.00.00	ANCHOR FASTENERS					
24	E110.01.00	Supply, drilling in RCC and fixing of metallic anchor fasteners for supporting of cable trays and miscellaneous electrical switchgear of following sizes, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
25	E110.01.01	3/16" BSW.	NOS	30			
26	E110.01.03	1/4" BSW.	NOS	50			
27	E110.01.06	1/2" BSW.	NOS	50			
28	E113.00.00	SAFETY EQUIPMENT					
29	E113.01.00	Supply and installation of the following, including the supply of necessary clamps, bolts, rawl plugs etc., breaking and making good of walls, if required, mounting, including all labour and materials, complete and as per applicable standards and Indian Electricity Rules and as per directions of Engineer-in-Charge.					
30	E113.01.01	Shock hazard charts complete with frame and glass.	NOS	1			
31	E113.01.02	First Aid Boxes.	NOS	2			
32	E113.01.04	6.8 litre capacity CO2 type fire extinguishers.	NOS	2			
33	E201.00.00	SUPPLY OF MV CABLES					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
34	E201.01.00	Supply of 1100 V grade, Aluminium Conductor, PVC insulated and armoured cables of following sizes as per EIL standard specification No. 6-51-0051, data sheet, specifications of this tender and directions of Engineer-in-Charge.					
35	E201.01.23	3.5 C x 50 sq. mm	M	100			
36	E201.01.27	3.5 C x 70 sq. mm	M	400			
37	E201.01.40	3.5 C x 240 sq. Mm	M	100			
38	E201.01.45	3.5CX300 sq. mm	M	4000			
39	E201.02.00	Supply of 1100 V grade, Copper Conductor, PVC insulated and armoured, cables of following sizes as per EIL standard specification No. 6-51-0051, data sheets, specifications of this tender and directions of Engineer-in-Charge.	M	7500			
40	E201.02.02	3 C x 2.5 sq. mm	M	5000			
41	E201.02.13	3 C x 4 sq. mm	M	750			
42	E201.02.20	4 C x 16 sq. mm					
43	E204.00.00	LAYING OF CABLES					
44	E204.02.00	Laying of cables of different voltage grade and types of the following overall diameters in ready trays/trenches/ supported on structure/pull through pipes including supply and fixing of aluminium/lead strip number tags, supply and applying of fireproofing paint to meet OISD requirement (for 1m length near terminations), supply and fixing of GI saddles and saddle bars etc., including transportation from store/yard to site at the place of installation, unpacking, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	M	750			
45		Cables with OD upto 20 mm.					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
46	E204.02.02	Cables with OD above 20 mm but upto 30 mm.	M	100			
47	E204.02.03	Cables with OD above 30 mm but upto 40 mm.	M	400			
48	E204.02.06	Cables with OD above 60 mm but upto 80 mm.	M	4200			
49	E205.00.00	END TERMINATIONS					
50	E205.10.00	Termination of PVC insulated armoured power cables (up to 1100 V grade) and connection of leads excluding the supply of cable glands and lugs but including fixing of cable glands, supply and fixing of PVC shrouds for outdoor terminations, cutting and stripping of cable insulation, crimping the lug on to the conductor, clamping of the cable-cores, marking with wire number, ferrules etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
51	E205.10.02	Cables with OD above 20 mm but upto 30 mm.	NOS	4			
52	E205.10.03	Cables with OD above 30 mm but upto 40 mm.	NOS	20			
53	E205.10.06	Cables with OD above 60 mm but upto 80 mm.	NOS	36			
54	E206.00.00	STRAIGHT THROUGH JOINTS					
	E206.01.00	Supply and Making straight through joints for 1100 volt grade cables as per EIL standard specification No. 6-51-0051, including cutting, stripping of cable insulation complete with supply of compression / crimping type ferrules, plastic mould and epoxy resin compound etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
55							
56	E206.01.02	Cables with OD above 20 mm but upto 30 mm.	NOS	2			
57	E206.01.03	Cables with OD above 30 mm but upto 40 mm.	NOS	1			
58	E206.01.03	Cables with OD above 30 mm but upto 80 mm.	NOS	8			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
59	E208.00.00	STRUCTURAL STEEL	KG	500			
60	E208.08.00	Supply, fabrication and installation of MS base frames, supports for switchgear, and brackets for miscellaneous electrical equipments, cable and cable tray supports out of rolled MS sections, pipes, plates etc. including shot blasting, welding, bolting, rivetting, supply of necessary anchor bolts and grouting etc., supply of paint and applying one coat of anti-rust primer and two finished coats of approved synthetic enamel paint(as per Table-10 of specification 6-44-0004 suitable for highly corrosive environment) including breaking walls, floors etc. for structures as required including supply of all GI hardware materials, all labour and materials complete as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. (Any item weighing up to 1 kg. or less shall neither be measured nor paid).					
61	E209.00.00	CABLE - TRAYS	M	50			
62	E209.01.00	Supply and installation of prefabricated hot dip galvanised steel cable trays, fabricated out of hot rolled sheet steel with rigid welded construction ladder type with a rung as per std. 7-51-0333, of approved make and cable tray fittings, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
63	E209.01.01	300 mm wide Straight run cable tray.	NOS	2			
64	E209.01.57	Horizontal bends for 300 mm wide tray with 1000 mm bending radius.					
65	E209.01.65	Vertical inside bends for 300 mm wide tray with 1000 mm bending radius	NOS	1			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
66	E209.01.69	Tee Joints for 300 mm wide tray with 1000 mm bending radius.	NOS	1			
67	E209.01.73	Cross Joints for 300 mm wide tray with 1000 mm bending radius.	NOS	1			
68	E209.03.00	Supply and installation of following galvanised slotted channel trays of 2 mm thickness and 50 mm high for supporting cables, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
69	E209.03.01	100 mm wide.	M	10			
70	E209.03.02	150 mm wide.	M	10			
71	E209.03.03	60 mm wide.	M	10			
	E209.04.00	Supply, fabrication and installation of 0.91 mm (20 gauge) GI sheet covers for cable trays, including necessary hardware, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	SQM	1			
72	E210.00.00	CABLE GLANDS					
73	E210.01.00	Supply of nickel-plated, flame proof IIA/IIB double compression type brass cable glands, suitable for out door terminations of armoured PVC cables of following overall diameter (excluding termination and connection of cables), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
74	E210.01.01	Cables with OD upto 20 mm.	NOS	180			
74	E210.02.00	Supply of nickel-plated, flame proof IIC double compression type brass cable glands, suitable for out door terminations of armoured PVC cables of following					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
75	E210.02.01	overall diameter (excluding termination and connection of cables), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. Cables with OD upto 20 mm.	NOS	70			
76	E210.04.00	Supply of nickel plated brass single compression cable glands of following overall diameter (excluding termination and connections of cables), including drilling of suitable holes in equipments for fixing purposes etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
77	E210.04.01	Cables with OD upto 20 mm.	NOS	26			
78	E210.04.02	Cables with OD above 20 mm but upto 30 mm.	NOS	4			
79	E210.04.03	Cables with OD above 30 mm but upto 40 mm.	NOS	20			
80	E210.04.06	Cables with OD above 60 mm but upto 80 mm.	NOS	20			
81	E210.04.07	Cables with OD above 80 mm but upto 100 mm.	NOS	12			
82	E210.05.00	Supply and fixing of FLP(IIA/IIB) blocking plugs for blocking unused cable entries with following diameter in outdoor electrical equipment including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
83	E210.05.01	Cables with OD up to 20 mm	NOS	30			
84	E210.06.00	Supply and fixing of FLP(IIC) blocking plugs for blocking unused cable entries with following diameter in outdoor electrical equipment including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
85	E210.06.01	Cables with OD up to 20 mm	NOS	20			
86	E212.00.00	CABLE LUGS					
87	E212.01.00	Supply of crimping type tinned copper lugs for following conductor sizes, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
88	E212.01.01	All sizes upto 10 sq. mm.	NOS	750			
89	E212.01.03	All sizes from 50 to 185 sq. mm	NOS	72			
90	E212.01.04	All sizes from 240 to 400 sq. mm	NOS	60			
91	E303.00.00	HAZARDOUS AREA LIGHTING FIXTURES AND ACCESSORIES					
92	E303.02.00	Supply of following FLP/Div.2 lighting fixtures complete with lamps, requisite FLP cable glands, plugs and necessary control gear as per EIL standard specification No. 6-51-0061, data sheet for lighting fixture schedule, including all labour and materials, specifications of this tender and directions of Engineer-in-Charge.					
93	E303.02.36	Type FLP-14 Fixtures.	NOS	150			
94	E303.02.41	Type FLP-IIC-14 Fixtures.	NOS	75			
95	E304.00.00	SAFE AREA LIGHTING FIXTURES					
96	E304.01.00	Supply, installation, testing and commissioning of following lighting fixtures and connecting to wiring junction box/marshalling box complete with lamps and necessary control gear including supply of all connected materials like flexible conduit, clamps, supports, chains, anchor fasteners, bolts, nuts and washers etc. as required, including supply and fixing of cable glands, lugs, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
97	E304.01.08	Engineer-in-Charge. Type SFD 4 Fixtures.	NOS	2			
98	E304.01.09	Type SFD 5 Fixtures.	NOS	2			
99	E304.01.23	Type RSD 12 Fixtures.	NOS	2			
100	E304.01.83	Type RSD6T Fixtures.	NOS	2			
101	E304.01.84	Type RSD7 Fixtures.	NOS	2			
102	E305.00.00	FANS AND EXHAUST FANS					
103	E305.01.00	Supply, installation, connection, testing and commissioning of following types of exhaust fans including supply of all necessary supports etc., including fixing of cable glands, lugs with BEE(Bureau of Energy Efficiency) rating of minimum 3 star including all labour and materials and accessories like mounting frame, fixing bolt, wire guard/louvres etc., as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
104	E305.01.01	300 mm dia., 1 phase, 900 rpm, wall mounting type epoxy painted exhaust fan with louvres.	NOS	8			
105	E307.00.00	SOCKETS/RECEPTACLES AND SWITCHES/MCB UNITS					
106	E307.01.00	Supply, installation, connection, testing and commissioning of following ratings of 240 V, single phase, sockets/receptacles and metallic outlet boxes as described below including supply of all connected materials, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
107	E307.01.05M01	5 A, 3 pin surface mounted industrial type switch socket with plug and sheet steel painted box.	NOS	40			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
108	E307.01.06M01	15 A, 3 pin surface mounted industrial type switch socket with plug and sheet steel painted box.	NOS	15			
109	E307.01.06M02	32 A, 3 pin surface mounted industrial type switch socket with plug and sheet steel painted box for Air conditioning.	NOS	5			
110	E309.00.00	LIGHTING/POWER PANELS AND DISTRIBUTION BOARDS					
111	E309.02.00	Supply, installation, connection, testing and commissioning of safe area lighting/power panels, surface/flush mounting type, wall mounting type in dust tight (with hinged cover) sheet steel enclosure having 4 pole incomer and single pole MCB (9 kA type) for outgoing circuit control with complete wiring, including cable termination, connection and fixing of cable glands, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
112	E309.02.03M01	63 A, 4 pole incomer MCB isolator and 18 Nos. outgoing Double Pole MCBs (upto 20 A) (LP-01, LP-03).	NOS	2			
113	E309.02.03M02	100 A, 4 pole incomer MCCB with O/C, S/C & E/F releases and 18 Nos. outgoing Double pole MCBs (32 A) (AC PP-01 to AC PP-04).	NOS	4			
114	E309.02.06M01	100 A, 4 pole incomer MCCB with O/C, S/C & E/F releases and 24 Nos. outgoing Double pole MCBs (upto 20 A) (PP-01 to PP-08).	NOS	8			
115	E310.00.00	WIRING					
116	E310.02.00	Circuit wiring in hazardous areas using (sizes given below) copper conductor, PVC insulated armoured cables (third core for earthing) from lighting/power panel/distribution junction box onwards, excluding the supply of cables, junction boxes and cable glands but					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
		including fixing of cable glands, supply and fixing of clamps, cable terminations and connections, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
117	E310.02.01	3 C x 2.5 sq. mm	M	7500			
118	E310.02.02	3 C x 4 sq. mm	M	5000			
119	E310.03.00	Circuit wiring with 660 V grade, (sizes given below) PVC insulated copper wires in already laid surface/concealed conduit from lighting panel/power panel onwards including the supply of wires, termination and connection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
120	E310.03.01	3 C x 1.5 sq. mm	M	10			
121	E310.03.02	3 C x 2.5 sq. mm	M	100			
122	E310.03.03	5 C x 1.5 sq. mm	M	10			
123	E310.03.04	5 C x 2.5 sq. mm	M	200			
124	E310.03.05	7 C x 1.5 sq. mm	M	10			
125	E310.03.06	7 C x 2.5 sq. mm	M	200			
126	E310.03.07	9 C x 1.5 sq. mm	M	10			
127	E310.03.08	3 C x 4 sq. mm	M	30			
128	E310.03.09	5 C x 4 sq. mm	M	100			
129	E310.07.00	Supply and laying of (surface type) approved make of black enamelled steel conduit of following diameter and associated fittings from lighting/power panel, telephone, fire alarm/plant communication points etc., including					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
		supply of G.I. sheet steel junction boxes with acrylic cover, pull wire, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
130	E310.07.01	25 mm diameter.	M	50			
131	E310.07.02	40 mm diameter.	M	50			
132	E310.10.00	Supply and laying of (concealed type) PVC conduit of following diameter and associated fittings in brick walls, RCC slabs/ceilings for lighting/ power/telephone, fire alarm/plant communication points etc., including supply of G.I. sheet steel junction boxes with acrylic cover, pull wire, making cuts and chasis in built up brick work, RCC slabs/ceilings and making good the same, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
133	E310.10.01	25 mm diameter.	M	50			
134	E310.10.02	40 mm diameter.	M	50			
135	E402.00.00	EARTH ELECTRODES					
136	E402.01.00	Supply, installation, testing and commissioning of GI earth electrodes, complete with earth pit as per std. 7-51-0102 and all necessary materials including excavation of earth pit, filling with charcoal and salt, back filling, providing necessary brickwork, connections, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
137	E402.01.01	GI earth electrode as per std. 7-51-0102.	NOS	10			
138	E403.00.00	EARTH STRIPS					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
139	E403.01.00	Supply, installation and connection of following GI earthing strip along the cable trenches or cable trays or fixing to walls or structures including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting, etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
140	E403.01.02	50 x 6 mm	M	250			
141	E403.01.03	40 x 5 mm	M	10			
142	E403.01.04	20 x 3 mm	M	250			
143	E404.00.00	EARTHING CONNECTION					
144	E404.01.00	Connecting individual equipment to the earth strip or earth plate with following sizes of G.I. wire / G.I. wire rope including the supply of G.I. wire /G.I. wire rope, lugs, conductors, connecting to the G.I. strip or earth plate and necessary hardware for connection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
145	E404.01.01	3/8" dia (10 mm) flexible rope.	M	100			
146	E405.00.00	EARTH PLATES					
147	E405.01.00	Supply, installation and connection of GI earth plates as per std. 7-51-0103, complete with anchor bolts, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
148	E405.01.01	GI earth plate as per std. 7-51-0103.	NOS	6			
149	E601.00.00	CIVIL WORKS/M.S. CHEQUERED PLATE					
150	E601.03.00	Supply and spreading of approved fine river sand/stone					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
151	E601.03.01	dust in cable trenches, including all labour and materials, specifications of this tender and directions of Engineer-in-Charge.	CUM	75			
152	E601.04.00	Fine river sand.					
153	E601.04.01	Supply and spreading of approved second class bricks of 75 mm thickness in cable trenches for cable protection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. (Actual area of laid brick surfaces shall be measured).	SQM	20			
154	E601.05.00	Bricks.					
155	E601.05.01	Providing and laying plain cement concrete for all depths below and up to a plinth level in foundations including tamping, ramming, vibrating, curing, shuttering etc. all as specified in any shape, position, thickness and finishing the top surface rough or smooth as specified and directed, including supply of all materials and all complete for concrete of M-15 grade with 20 mm and down size graded crushed stone aggregates, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	CUM	75			
156	E601.06.00	Plain cement concrete.					
157	E601.06.01	Supply, fabrication and installation of 6 mm thick M.S. chequered plate for covering floor cut- outs/cable trenches etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	SQM	1			
158	E999.00.00	6 mm thick M.S. chequered plate.					
159	E999.99.00	Miscellaneous					
		Miscellaneous					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
160	E999.99.99V01	Removal/reconnection of existing cabling/wiring from MDBs/PDBs to PDB/PP/LP, removal of circuit wiring & handing over to client as per scope of work, repairing of all civil works damaged during removal/reconnection including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge.	M	200			
161	E999.99.99V02	Supply of following indoor type MV switchboard as per EIL specification No. 6-51-0012, Single Line Diagram nos. A416-000-16-50-1001, A416-000-16-50-1002, Data Sheet nos. A416-000-16-50-DS-0013, A416-000-16-50-DS-0016 including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	NOS	1			
162	E999.99.99V03	415V, 630A, 31.5 KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (MDB-0132). Installation, testing and commissioning of following indoor fixed type switch boards in non-drawout, including transportation from store/yard to site at the place of installation, proper storage, assembly of sections, installation on concrete trenches/foundation, mounting and wiring of loose accessories supplied by equipment vendor, performance guarantee run, handing over to client and other field works including civil-structural work and supply of structural steel, base frames etc., aligning, levelling, testing, calibration of meters/relays and all other accessories, including all labour and materials, as per approved drawings, specifications & Single Line Drawings (A416-000-16-50-1001, A416-000-16-50-1002) of this tender and directions of Engineer-in-Charge. 415V, 630A, 31.5KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (MDB-0132).	NOS	1			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
163	E999.99.99V04	Supply of following indoor type MV switchboard as per EIL specification No. 6-51-0012, Single Line Diagram nos. A416-000-16-50-1001, A416-000-16-50-1002, Data Sheet nos. A416-000-16-50-DS-0013, A416-000-16-50-DS-0016 including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. 415V, 315A, 31.5KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (PDB-0142, PDB-0144).	NOS	2			
164	E999.99.99V05	Installation, testing and commissioning of following indoor fixed type switch boards in non-drawout, including transportation from store/yard to site at the place of installation, proper storage, assembly of sections, installation on concrete trenches/foundation, mounting and wiring of loose accessories supplied by equipment vendor, performance guarantee run, handing over to client and other field works including civil-structural work and supply of structural steel, base frames etc., aligning, levelling, testing, calibration of meters/relays and all other accessories, including all labour and materials, as per approved drawings, specifications & Single Line Drawings (A416-000-16-50-1001, A416-000-16-50-1002) of this tender and directions of Engineer-in-Charge. 415V, 315A, 31.5KA for 1 sec, 50Hz, floor mounted, Single front Fixed type MV switchboards (PDB-0142, PDB-0144).	NOS	2			
165	E999.99.99V08	Dismantling of false ceiling in certain rooms of Lab as specified in scope of work where Flameproof fixtures & sockets is being proposed and providing false ceiling making it suitable for mounting flameproof fixtures including all labour and materials specifications of this tender and directions of Engineer-in-charge.	SQM	800			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
166	E999.99.99V11	Total area of all the rooms with flameproof fixtures & sockets to be installed	CUM	75			
167	E999.99.99V12	Breaking/chipping/digging of floor, making cutouts on floor and repairing including provision of plates, welding, bolting, riveting including consolidation and disposal of surplus earth for providing Elevated trenches & suitable cut outs in Electrical room floor for installation of panels including all labour and materials, as per enclosed EIL standards, scope of supply, Electrical drawings and other codes & standards attached or referred and directions of Engineer-in-charge.	NOS	100			
		Removal of existing fixtures & sockets and handing over to client as per scope of work, repairing of all civil works damaged during removal/reconnection including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge.					

Schedule of Rates for Architecture Works

Tender No.	BCPL/DIB/C&P/SER/		0		Issued with bids					
Tender Name	Misc. Works for QC Laboratory for BCPL									
		REV	DATE	PURPOSE	BY	CHECKED	APPROVED			
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLY.LT Project : Establishment of QC Laboratory		SCHEDULE OF RATES		Rev		
		Date	Bidder's Signature					0		

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	A000.00.00	ARCHITECTURE					
2	A002.00.00	FLOOR FINISHING					
3	A002.01.00	Providing and laying average 25mm cement concrete flooring in panels consisting of base course of M-15 grade cement concrete (6mm down size stone aggregate) laid over sub-base of cement concrete and finishing with a layer of floating coat of neat cement slurry @ 2.75kg. of cement per Sq.M. of area including cleaning the sub-base surface, applying neat cement slurry @ 2.75 kg of cement per Sq.M. of area over the sub- base to receive the base course, compacting, tamping, trowelling, finishing, curing, providing,shuttering to the edges etc. all complete.					
4	A002.01.01	CEMENT SUPPLIED BY THE CONTRACTOR AT THEIR COST	Sq.M.	200			
5	A002.03.00	Providing and laying average 50mm thick heavy duty flooring in panels consisting of base course of 35mm thick cement concrete (1 cement : 1.5 coarse sand : 3.5 stone aggregates of 10mm to 6mm size by volume) laid over sub-base and 15mm thick finishing layer consisting of cement and integral hardening compound mixed in ratio of 4 cement :1 hardenar (by weight) :2 stone aggregates of 6mm and down size laid integral with base course and finished smooth including cleaning the sub-base surface, applying neat cement slurry @2.75 Kg of cement per Sq.M of area over sub-base to receive the base course, levelling, tamping, trowelling, finishing, curing, providing shuttering to the edges etc. all complete.					
6	A002.03.01	CEMENT SUPPLIED BY THE CONTRACTOR AT THEIR COST.	Sq.M.	70			
7	A002.11.00	Providing and laying tiles in floor, dado, skirting over and					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
8	A002.11.07	including a coating of adhesive as per manufacturers specifications, flush pointing of joints of tiles with cement paste/grouting with white cement and pigment (conforming to IS : 2114, Table-1, matching the shade of tiles) finishing, curing etc. all complete. Decorative, matt/ mirror finish Vitrified porcelain tiles of minimum size 600mm x 600mm x 10mm thick in approved quality, colour, make, design/ pattern.	Sq.M.	170			
9	A003.00.00	WOOD WORK					
10	A003.01.00	Providing and fixing wooden frames of doors, windows, ventilators including cutting, shaping, jointing, applying a coat of bituminous paint on concealed surface, wood primer on exposed surface, fixing in masonry/RCC by means of 300mm x 25mm x 6mm thick M.S. hold fasts screwed to frame @ 600mm max vertically and grouted with M-15 grade concrete in min. 350mm x 100mm x 100mm sized hole made in masonry/96mm long, 12mm dia M.S. dash fastener, painting with two coats of approved shade and make (ICI or equivalent) synthetic enamel paint over approved quality primer coat, finishing etc. all complete.					
11	A003.01.01	Wooden frames with second class teak wood conforming to IS : 4021.	Cu.M.	0.2			
12	A003.02.00	Providing and fixing Factory made, overall 35mm thick block board flush shutter consisting of solid core block board bonded with phenol phormaldehyde synthetic resin conforming to IS : 848 and faced on both faces with commercial type plywood/teakwood veneering/ lamination bonded with phenol formaldehyde synthetic resin conforming to IS : 848, including providing and fixing second class teakwood perimeter beading fixed by means of approved quality neoprene based adhesive and nailing @ 300 mm max.. painting exposed surface with					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
13	A003.02.03	two coats of approved shade and make synthetic enamel paint over approved quality primer coat, providing and fixing 125mm long M.S. butt hinges [for each shutter (vertical spacing not exceeding 600mm)] including fixing with door frame, finishing etc. all conforming to IS : 2202.	Sq.M.	15			
14	A005.00.00	Door shutter faced with 1mm thick approved quality lamination of approved shade/brand.					
15	A005.01.00	PLASTERING & POINTING					
16	A005.01.07	Providing plain cement plaster in cement mortar (1 cement:4/6 fine sand by volume) on masonry, PCC/ RCC including preperation of base, finishing, curing etc; also including providing 20 gauge chicken wire mesh stretched tight at all RCC/ PCC and masonry meeting points in 300mm wide strips (150mm on on each surface) fixed with G.I. "U" type nails before plastering.	Sq.M	300			
17	A007.00.00	Ordinary plain cement plaster Average 12mm thick 1:4 (1 cement : 4 sand). Cement supplied by the Contractor at their cost.					
18	A007.03.00	WHITEWASHING, PAINTING & POLISHING					
19	A009.00.00	Providing and applying two or more coats (to give a smooth and even shade) of premium plastic emulsion paint conforming to IS:5411 of approved make and shade including cleaning and preperation of surface consisting of application of Plaster of Paris punning over entire surface, filling all holes and depressions with plaster of Paris, applying a coat of cement primer, two or more coats of oil based putty (as per manufacturer's recommendations to give a paste like putty), sandpapering etc. all complete.	Sq.M	300			
		SANITARY FITTINGS & FIXTURES					

Th							
S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
20	A009.11.00	Providing and fixing Heavy grade Bib cocks/ stop cocks of spring loaded self closing type conforming to IS : 781 including making connections, cutting walls and making good the same etc. all complete.					
21	A009.11.01	15mm dia CP Brass stop cock.	Unit	10			
22	A009.11.02	15mm dia CP Brass bib cock.	Unit	10			
23	A010.00.00	FALSE CEILING, FALSE FLOORING, UNDERDECK INSULATION, PARTITIONING					
24	A010.03.00	Providing and fixing Mineral Fibre Tile false ceiling consisting of A. 600mm x 600mm x 15mm thick Mineral Fibre Acoustical tiles with durable tegular edging having noise reduction coefficient (NRC) value of min. 0.50, light reflectance value of min. 80%,thermal conductivity (K) value of 0.052-0.057 w/m deg.C and fire performance conforming to class-I as per BS-476,back of the tiles being provided with one coat of protective coating. B. Suspension system consisting of hot dipped galvanised steel main runners @ max. 1200mm c/c (0.33mm thk.,"T"shaped, 24mm x 38mm size with single rotary stitching), cross runners (0.25mm thk.,"T" shaped with double rotary stitching, 24mm x 30mm size, 1200mm long and 24mm x 25mm size, 600mm long), perimeter sections (0.45mm thick,22mm x 22mm size) including suspending the system by means of 4mm dia MS wire,6mm thk. MS cleat of 25mm x 25mm size, dash fasteners and level adjustors, providing 30 micron powder coating to exposed metallic members, providing slit openings for fixing supply/return air grill, lighting fixtures, AC ducts etc. all complete.					
25	A010.03.01	With fine fissured tiles (Acoustical punchers (10mm deep) = 24000sm, No. Of fissures (3 to 4mm deep) = 28800sm)	Sq.M	10			

Schedule of Rates for General Civil Works

Tender No.			0		ISSUED FOR BIDS					
Tender Name	Misc. Works for QC Laboratory for BCPL									
		REV	DATE	PURPOSE	BY	CHECKED	APPROVED			
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLYMER LTD Project : Establishment of QC Laboratory		SCHEDULE OF RATES		Rev		
		Date	Bidder's Signature					0		

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	S000.00.00	CIVIL & STRUCTURAL					
2	S001.00.00	EARTH WORK (REFER SPECIFICATION NO. 6-68-0003)					
3	S001.01.00	Earthwork excavation in soil					
4	S001.01.01	Earth work in EXCAVATION below ground level for all kinds of works in ALL TYPES OF SOILS EXCEPT SOFT ROCK AND HARD ROCK as classified in specification for a depth upto 1.5m including removal of vegetation, shrubs and debris, cutting and dressing of sides in slopes, levelling, grading and ramming of bottoms, dewatering of accumulated water from any source and keeping the surface dry for subsequent works and disposal or stacking of excavated material within a lead of 100m, as directed including providing temporary supports to existing service lines like water pipes, sewage pipes, electric overhead and underground cables etc. all complete, but excluding shoring and strutting.	Cu.m.	45			
5	S001.07.00	Backfilling after execution of work					
6	S001.07.01	BACKFILLING after execution of the WORK to proper grade and level with selected materials from available excavated soil from spoil heaps within a LEAD OF 100M, including re- excavating the deposited soil excavated earlier, breaking clods, laying at all depths and heights in layers of thickness not exceeding 15 Cms. watering, rolling and ramming by manual methods/ mechanical compactors to achieve 90% laboratory maximum dry density, dressing, trimming etc. in foundations, plinths, trenches, pits etc. all complete.	Cu.m.	25			
7	S001.10.00	Transporting & Disposing the SURPLUS EARTH AND DEBRIS					
8	S001.10.01	Transporting and disposing the SURPLUS EARTH AND	Cu.m.	20			

The							
S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
9	S002.00.00	DEBRIS including shrubs and vegetations from construction area beyond the initial LEAD OF 100M AND UPTO 1KM including re-excavating the deposited soil excavated earlier, transportation, loading, unloading, laying at all depths and heights, stacking, levelling and dressing both the area (viz. from where the earth is transported and where it is deposited) to required levels and slopes complete with all lifts as directed. For carting on the basis of truck measurements (volume of truck reduced by 30% for voids).					
10	S002.17.00	PLAIN & REINFORCED CEMENT CONCRETE: (REFER SPECIFICATION NO. 6-68-0004)					
11	S002.17.01	PCC - Non FIM Items					
		Providing and laying PLAIN CEMENT CONCRETE for all depths below and upto plinth level in foundations, drains, fillings, non-suspended floors, pavements & ramps or any other works etc. including shuttering, tamping, ramming, vibrating, curing etc. all as specified in any shape, position, thickness and finishing the top surface rough or smooth as specified and directed all complete for concrete of nominal mix 1:5:10 by mass (1 Cement: 5 Coarse Sand: 10 Crushed Stone Aggregates/Gravels) with 40mm and down size graded crushed stone aggaregates/Gravels.ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR.	Cu.m.	2			
12	S002.17.06	Providing and laying PLAIN CEMENT CONCRETE of nominal mix 1:3:6 by mass (1 Cement : 3 Sand : 6 Crushed Stone Aggregates) with 10mm and down size graded crushed stone aggregates above plinth level as SCREED in floor slabs, roofs, chajjas, canopies, gutters etc. for all heights including shuttering, tamping, curing etc. as specified in any shape, level, thickness, position and finishing the top surface smooth etc. all complete as	Cu.m.	1			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
13	S002.18.00	directed.ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR.					
14	S002.18.17	RCC Substrutures - Non FIM Items Providing and laying REINFORCED CEMENT CONCRETE OF M-30 GRADE with 20 mm and down size graded crushed stone aggregates/ gravel in SUB-STRUCTURE e.g. foundations, raft, beams, slabs, pile caps, retaining walls, dyke walls, jambs, counterforts, buttresses, pedestals, pipe sleepers, columns, suspended floors, staircases, landings, steps, brackets etc., including equipment/ machine foundations & pedestals viz. compressors, ID & FD fans, pumps, generators, crushers, mills, etc., (including single pour concreting as specified on the drawing), applying cement wash on concrete surface (wherever no other surface application is specified), providing pockets, openings, recesses, chamfering, etc., wherever required, vibrating, tamping, curing and rendering if required to give a smooth and even surface etc. (EXCLUDING THE COST OF REINFORCEMENT, SHUTTERING & SPECIFIED ADMIXTURES) for all depths below and upto plinth level in any shape, position and thickness etc. all complete as specified, shown and directed. ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR.	CUM	15			
15	S002.23.00	HYD Bars / MS Bars - Non FIM Items					
16	S002.23.07	Supplying and placing in position HIGH YEILD-STRENGTH DEFORMED STEEL BARS REINFORCEMENT of Grade Fe500 (TMT) conforming to IS:1786, for RCC work including transporting the Steel, straightening, cleaning, decoiling, cutting, bending to required shapes and lengths as per details, binding with 18 SWG black soft annealed binding wire at every	MT	0.8			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
		intersection, supplying and placing with proper cover blocks, supports, chairs, overlaps, welding, spacers, fanhooks etc. for all heights and depths etc. all complete as directed. SUPPLY OF ALL MATERIAL IN CONTRACTOR'S SCOPE.					
17	S002.25.00	Centering and Shuttering - Non FIM Items					
18	S002.25.01	Providing and fixing CENTERING AND SHUTTERING in foundations, footings,raft beams, slabs, pile caps, retaining walls, jambs, counter-forts, buttresses, trenches, equipment/machine foundations, pedestals, abutments, pipe sleepers, columns, plinth beams, lintels, suspended slabs, beams, staircases, landings, steps, non-circular tunnels/bunkers/ silos/ shafts/ hoppers/liquid storage structures etc. for all depths below and upto & inclusive of plinth level including shuttering for single pour concreting, strutting, bracing, propping etc., keeping the same in position during concreting and removal of the same after specified period etc. for Straight/ Inclined Shuttering, keeping necessary provision for inserts, projecting dowels, anchor bolts or any other fixture etc. all complete and as specified and directed.	Sq.m.	120			
19	GC	GENERAL CIVIL					
20	C012.00.00	U/G AND A/G G.I. PIPELINE SYSTEM - WATER SERVICES (SPEC. NO.6-65-0027)					
21	C012.01.00	Supplying and laying mild steel galvanised pipes conforming to IS:1239 (heavy grade) and fittings conforming to IS:1239/ ASTM A105 (Galvanised) and as per piping materials specification Class including supply of teflon tapes, white lead, etc. cutting the pipes to required lengths, making threads, earthwork in excavation for trenches, valve pits, etc. in all types of soil excluding soft and hard rock including laying of pipes in					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
22	C012.01.01V14	trenches, joining the pipes and fittings with threaded connections, hydrostatic testing of the piping, backfilling the trenches with selected/approved earth fill material, cutting of roads wherever required, making good the road surface after laying, disposal of surplus earth within a lead of 500 m, etc. including supply of necessary fittings etc. complete as per specifications, drawings and directions of Engineer-in-Charge. For following Nom.Size in mm.	M	30			
		(Nom. Dia - 40 mm, Pipe class - J2A)					
23	C012.03.00	Supplying and laying above ground mild steel galvanised pipes conforming to IS:1239 (heavy grade) and fittings conforming to IS:1239/ASTM A 105 (GALVANISED) and as per piping materials specification Class including supply of teflon tapes, white lead, etc. cutting the pipes to required lengths, making threads, including laying of pipes on sleeper, walls, including erecting piping on columns, etc. for pump station, overhead tanks, etc. including joining the pipes and fittings with threaded connections, hydrostatic testing of the piping including supply of necessary fittings etc & pipe supports. complete as per specifications, drawings and instructions of Engineer-in-Charge. For following Nom. Size in mm and piping class..					
24	C012.03.01V18	(Nom. Dia - 40 mm, Pipe class - J2A)	M	30			
25	C025.00.00	MISC. CIVIL AND STRUCTURAL WORKS FOR U/G PIPING AND OTHER CIVIL WORKS (SPEC. NO. 6-65-0035)					
26	C025.16.00	Providing 13mm thick average cement plaster in cement					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
27	C025.16.02	mortar 1:3 (1 cement: 3 sand) on brick walls/stone masonry/pitching or on concrete surfaces for manholes, valves pits, culverts, wing walls, etc. including cleaning and preparation of the surface, scaffolding, curing etc. for all depths and heights complete as per drawings specifications and direction of Engineer-in-Charge. All materials including cement supplied by the Contractor.	SQ.M.	4			
28	C025.21.00	Supplying and fixing in position medium/ heavy duty CI manhole frame with lugs and cover conforming to IS-1726 including breaking of brick masonry or concrete surface to receive frame with lugs and making good the same with CM 1:3 including applying two coats of anticorrosive paint inclusive of all labours and materials etc. complete.					
29	C025.21.01	circular size 500 mm dia Medium duty of grade MD-10	EACH	10			
30	C025.25.00	Providing cement mortar grouting on brick masonry wall for filling free space between pipe body and masonry wall/concrete wall with 1:2 (1 cement: 2 sand) mortar including packing, consolidating, curing, finishing, etc. complete as per drawings specifications and directions of Engineer-in-Charge.					
31	C025.25.02	All materials including cement supplied by the Contractor.	CU.M.	0.3			
32	C025.44.00	Supplying, fabricating and fixing in position in RCC or brick masonry walls MS rungs made out of 20mm dia. reinforcement bar of grade Fe500 TMT bar conforming to IS: 1786 .Including laying or welding to keep in proper position etc. complete as per drawings, specifications and instructions of Engineer-in-Charge.	EACH	18			
33	C025.53.00	Supplying, construction , testing & commissioning of RCC					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
		Neutralisation pit of M-30 grade concrete , providing lean concrete 1:5:10 (1 cement : 5 sand : 10 aggregate) at bottom of Neutralisation pit and PCC 1:2:4 at Finished Grade Level, rungs, lime fill, acid proof lining, chequered plate with lifting hooks, grouting in 1:2 cement mortar(1 cement :2 sand), painting with bitumen primer and Epoxy paint, grouting between pipe and pit wall in 1:2 cement mortar (1 cement : 2 sand), reinforcement steel including straightening, cleaning, cutting, bending, keeping in proper position, centering, shuttering etc. including earth work in excavation in all type of soil except soft rock and hard rock, backfilling & disposal of surplus earth for all leads within the complex limit etc. complete as per standards, drawings, specifications and directions of Engineer-in-charge.					
34	C025.53.02	All material including cement supplied by the Contractor	EACH	3			
35	C029.00.00	UNDERGROUND SEWER SYSTEM-HDPE PIPES (Spec. No. 6-65-0044)					
36	C029.03.00	UNDERGROUND SEWER SYSTEM-HDPE PIPES (Spec. No. 6-65-0044) :- Supplying and laying HDPE pipes conforming to IS:4984 of approved make to proper grade and alignment, including earthwork in excavation for trenches etc. in all types of soil except soft and hard rock including dewatering till completion of subsequent works, shoring and strutting, if necessary, dressing the sides, leveling, grading and ramming the bottom, jointing the pipes using hot plates as per manufacturer's recommendation, lowering, providing and laying 1:5:10 (1 cement : 5 sand : 10 aggregate) plain cement concrete of minimum 100mm thickness on bottom and side of pipe as directed, connecting the pipes to manholes and grouting the pipes to manhole/valve chamber walls, including supplying and fixing the specials and fittings, such as bends, reducers, tees, elbows, caps etc.					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
37	C029.03.01V02	conforming to IS:8008 or fabricated from pipes as per specification, supplying and fixing of flanges, fixing of on-line valves, including fixing of bolts, nuts and gaskets etc. as per specifications, testing, draining of water and cleaning of pipes after testing, backfilling the trenches with select material from available excavated soil including re excavating the deposited soil excavated earlier breaking clods and laying in layers of 15cm compacted thickness, watering and compacting with mechanical means like vibro rammers etc. to 90% standard proctor density as per IS:2720 Part-VII, making good the surface, disposal of surplus earth/ unserviceable material to demarcated area anywhere within the complex limit, cutting of road wherever required, making good the same etc. complete for all depths as per drawings, specification and instruction of Engineer-in- Charge. For the following nominal diameter (mm) Pressure Rating(Kg/Cm2) (Dia (Internal) - 80 mm, Pressure Rating - 2.5 Kg/sqcm)	M	20			
38	C034.00.00	PLUMBING AND BUILDING DRAINAGE (Spec. No. 6-65-0053)					
39	C034.02.00	Supplying and fixing approved quality heavy grade cast iron Floor/Nahani Trap with CP pressed steel grating including cutting floors and making good the same, etc., making inlet and outlet connections, etc. complete for 100mm inlet and 80mm outlet as per drawings, specifications and directions of Engineer-in-Charge.	Each	22			
40	C034.03.00	Supplying and laying cast iron soil waste and vent pipe conforming to IS:1729 above ground including specials, bends, such as Y junction, T junction (both single and double) including plugs, shoes, cowls, jointing with jute gasket dipped in bitumen, caulking the joints in Cement					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
41	C034.03.03	mortar 1:2 (1 cement: 2 sand) and testing, cutting floors/walls and making good the same etc. complete as per drawings, specifications and directions of Engineer-in-Charge.	M	40			
42	C034.03.04	100mm dia (All materials including cement supplied by contractor)	M	125			
43	C034.04.00	80mm dia (All materials including cement supplied by contractor)	M				
44	C034.04.03	Supplying and fixing approved quality Cast Iron soil/waste pipe conforming to IS:1729 below ground with necessary specials, bends such as Y-junction, T- junction (both single and double) including plugs, shoes, cowls, jointing with lead caulked joints and testing, cutting in floors, earth work in excavation, encasing the pipe in 50mm THK, PCC M20, backfilling and removal of surplus earth upto a lead of 50M etc. complete as per drawings, specifications and directions of Engineer-in-Complete.	M	145			
45	C034.04.04	100mm dia (All materials including cement supplied by contractor)	M	50			
46	C176.00.00	80mm dia (All materials including cement supplied by contractor)					
		Supply and installation on terrace, high density polyethylene drinking water circular tank as per IS:12701 and ISI marked including supply and installation of all fittings, cover with suitable locking arrangement, float valve, making necessary holes for inlet, outlet and overflow connection and vent pipe etc. and the base supports for tank including supply of all necessary material all complete as per specifications and directions of Engineer-in-charge. (Sintex or equivalent having valid ISI license) for following capacities					

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
47	C176.01.00V04	(Capacity - 2000 Litres) Miscellaneous	EACH	1			
48	C999.00.00	Miscellaneous					
49	C999.99.00						
50	C999.99.99V02	Construction of Brick masonry Valve Pit as per EIL Std. 7-65-220 / 221 with approved bricks of Class 10.0 (Brick of class lower than 10.0 i.e. compressive strength of brick lower than 10.0 N/MM2 shall not be acceptable) in Cement Mortar 1:4 (1 Cement : 4 Sand) in one or brick thickness and in any shape in foundation and plinth with all necessary accessories like chequered plates with lift hooks, structural steel, rungs, providing Plain Cement Concrete in M20 grade and gravel at bottom of valve pit, grouting between pipe and wall of pit in 1:2 Cement Mortar (1 Cement : 2 Sand) including earthwork in excavation, backfilling and disposal of surplus earth to specified areas within a lead of 500 m complete as per Drawings, Specifications and Direction of Engineer - in - charge.	EACH	1			
51	C999.99.99V03	Supplying and laying above ground HDPE pipe and vent pipe conforming to IS:4984 and fixing the specials and fittings, such as bends, reducers, tees, elbows, caps etc. conforming to IS:8008 or fabricated from pipes as per specification, cutting the pipes to required lengths, including laying / erecting of pipes on walls, jointing the pipes using hot plates as per manufacturer's recommendation, including supplying and fixing of necessary fittings as flanges, clamps, cowls, including fixing of bolts, nuts and gaskets etc. as per specifications, testing, draining of water and cleaning of pipes after testing, cutting floors/walls and making good the same etc., all complete as per drawings, specifications and instruction of Engineer-in- Charge.	M	65			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
		For nominal diameter 80(mm) Pressure Rating 2.5(Kg/Cm2)					

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Schedule of Rates for Structural Works

Tender No.			0		Released for Tender					
Tender Name	Misc. Works for QC Laboratory for BCPL									
		REV	DATE	PURPOSE	BY	CHECKED	APPROVED			
	Bidder's Stamp			Client : BRAHMPUTRA CRACKER & POLYMER LTD Project : Establishment of QC Laboratory		SCHEDULE OF RATES			Rev	
		Date	Bidder's Signature						0	

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	S000.00.00	CIVIL & STRUCTURAL					
2	S999.00.00	Miscellaneous					
3	S999.99.00	Miscellaneous					
4	S999.99.99V01	Providing RCC foundation/ pedestal for instrument wherever required using M30 grade of concrete and Fe500 TMT reinforcement bars with 20mm graded crushed aggregates including excavation, centering and shuttering; Supplying, fabricating, fixing and keeping in position of anchor bolts or mechanical/ chemical anchor fasteners wherever required; supplying, fabricating and fixing of metal insert plates (with lugs); including final finishing and painting of all exposed surfaces and any other items required to fix the instrument completely at all locations and heights. (ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR)	CUM	5			
5	S999.99.99V02	Dismantling / Demolishing of PCC, RCC, brick work, stone work, flooring, tiles etc. ; Chipping of RCC by chiseling for all thickness wherever required; making pockets or holes in RCC/PCC for all sizes by chiseling or drilling wherever required; (taking all necessary safety precautions) for all depths below plinth level and all heights above plinth level including supply of all tools and tackles, necessary scaffolding, propping, underpinning, cleaning, cutting, straightening, scraping and cleaning of reinforcement bars, lapping/welding reinforcement bars as per drawing, and stacking & DEPOSITING serviceable material in a place directed by Engineer in-charge, disposal of unserviceable material to spoil heaps outside the petrochemical complex; rebuilding the demolished/ dismantled items suite to site including final finishing and painting of all exposed surfaces , all complete as specified and directed by engineer in charge. (ALL MATERIALS INCLUDING CEMENT SUPPLIED BY THE CONTRACTOR)	CUM	10			

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
6	S999.99.99V03	Supplying, fabricating, fixing and keeping in position of mechanical/ chemical anchor fasteners of all sizes wherever required; supplying, fabricating and fixing of steel plate wherever required; including final finishing and painting of all exposed surfaces and any other items required to fix the instrument completely at all locations and heights as specified and directed by engineer in charge. Payment shall be based on the number of anchor fasteners used. (ALL MATERIALS SUPPLIED BY THE CONTRACTOR)	NOS	30			

Grand Total in Rs.....

Grand Total in Words (.....)